Construction News

RAILWAYS, STEAM AND ELECTRIC

Proposed Work

Massachusetts—Worcester Consolidated Street Railway Co. plans extension from Worcester to Rochdale. H. C. Page, Worcester, Gen. Mgr.

New York—Albany, Southern Railroad Co. plans extension from Albany to Troy. J. E. Hewes, Rensselaer, Gen. Mgr.

New York—New York State Railways Co., Rochester, asked Council for franchise for line to connect with existing double-tracks at Clarissa and Exchange St., thence through Clarissa St. to Plymouth Ave. and in Plymouth Ave. to connect with double-tracks in Clarissa St. and Caledonia Ave. E. J. Cook, Rochester, Gen. Mgr.

New York—Panama Traction Co., Jamestown, recently incorporated with $60,000 capital stock, plans to build and operate railways. N. M. Sanderson, 22 Maurice St., Buffalo, interested.

New Jersey—Public Service Ry. negotiating with Comrs. Hudson County to double-track Belleville Turnpike Line from North Arlington to Kearney. R. E. Danforth, Pub. Ser. Bldg., Newark, Gen. Mgr.

Pennsylvania—Lehigh Valley R.R. plans to enlarge westbound freight yards at Coxton. E. B. Ashby, 143 Liberty St., New York, Ch. Engr.

Pennsylvania—Pennsylvania R.R. plans new classification yards at Shocks Mills on Columbia Div. and additional track facilities at Enola. About $440,000. A. C. Shand, Philadelphia, Ch. Engr.

Pennsylvania—Slate Belt Electric St. Ry. plans new line from Windgap to Stroudsburg, about 15 mi. next year. J. Hamilton, Pen Argyl, Gen. Mgr.

Pennsylvania—Steelton & Highspire R.R., controlled by Bethlehem Steel Co., granted charter for 3 mi. railway from Steelton Branch of Philadelphia & Reading Ry. to Pennsylvania R.R. at Highspire. C. P. Turner, Harrisburg, and F. A. Robbins, Jr., Steelton, interested. Noted Nov. 16.

Maryland—Surveys being made for connection between Western Maryland Ry. near Glyndon and Pennsylvania R.R. near Cockeysville, about 10 mi. Address H. R. Pratt, Baltimore, Ch. Engr., Western Maryland Ry.

West Virginia—Monongahela Valley Traction Co. making surveys for extension from Fairmont to Pleasant Valley. S. B. Miller, Fairmont, Ch. Engr. Noted Feb. 17.

North Carolina—Madison County Railroad Co. plans line from Druid to Carmen, about 7 mi. W. N. Garrett, Stockhouse, Gen. Mgr.

North Carolina—Northampton & Hertford Railway Co. plans line from Jackson to Ahoskie, 35 mi., and from Gumberry to Pleasant Hill, about 7 mi. W. W. Robertson, Norfolk, Va., Gen. Mgr.

South Carolina—Charleston Consolidated Railway, Gas and Electric Co., Charleston, plans to double-track line from Five Mile House to Navy Yard, 1½ mi. G. H. Waring, Charleston, Gen. Mgr.

Georgia—Bowden Railway Co. plans extension from Bowden to Roanoke, Ala., about 30 mi. W. W. Crews, Bowden, Gen. Mgr.

Tennessee—Oneida & Western Railroad Co. plans extension from Hagerman on White Oak Creek to North Jamestown, about 11 mi. O. H. Anderson, Harriman, Gen. Mgr.

Illinois—Springfield Consolidated Railway Co., Springfield, asked Pub. Utilities Comn. for permission to extend Bergen St. car line, about 1 mi. About $13,000. C. A. Cryster, Springfield, Ch. Engr.

Minnesota—Northern Pacific Ry. plans to double-track line from Rice to Little Falls, about 17 mi. H. E. Stevens, St. Paul, Ch. Engr.

Minnesota—St. Paul Southern Electric Railway Co. plans extending line to Chatfield and Preston, and eventually to Chicago. H. A Genung, Hastings, Ch. Engr.

Missouri—Preliminary surveys being made for interurban electric railway from Jefferson City to Mexico via Fulton, about 45 mi. W. B. McKinley, Pres., Illinois Traction Co., Peoria, Ill., interested. Noted Mar. 16.

Missouri—Manufacturers Railway Co., St. Louis, plans to change system. Project will increase trackage 1½ mi. W. Cotter, 2925 South Broadway, St. Louis, Pres. and Gen. Mgr.

Texas—Gulf, Texas & Western Ry. reviving plans for railway from Graford to Palo Pinto County and Ft. Worth via Poolville, Boonville and Springtown. B. B. Cain, Dallas, Gen. Mgr.

Oklahoma—Ingham Lumber Co., Oklahoma, plans line from San Francisco intersection at Antlers to east side Pushmataha County, about 35 mi. S. K. Ingham, Oklahoma, Pres.

Oklahoma—Sand Springs Railway Co. plans extension from Sand Springs to Pawhuska, about 50 mi. H. T. Morrison, Tulsa, Gen. Mgr.

Idaho—Ogden, Logan & Idaho R.R. plans to extend line from Preston to Grace. P. D. Kline, Ogden, Gen. Mgr.

Utah—Salt Lake & Utah Railroad Co. plans to extend line from Salt Lake City into Sanpete Valley. About $1,000,000. W. R. Armstrong, Salt Lake City, Ch. Engr. and Gen. Mgr.

Washington—City, Seattle, election Dec. 2 to vote on $450,000 bonds for belt line railway along water front. J. R. West, Ch. Engr., Port of Seattle. C. E. Remsberg, Secy., Comrs. Noted Apr. 6.

Washington—Puget Sound Traction, Light and Power Co., 800 Sturat Bldg., Seattle, and subsidiary companies plan to spend about $1,250,000 for improvements next year. W. B. Donaldson, Seattle, Pur. Agt.

Oregon—City of Klamath Falls voted $300,000 bonds and Lakeview voted $20,000 bonds to aid building of Oregon, California & Eastern R.R. from Klamath Falls to Sprague River. Keeler Bros., Denver, interested. Noted Nov. 9.

California—Oregon, California & Eastern R.R.—See item under "Oregon."

California—San Diego & Arizona Railway Co., San Diego, soon lets contracts for building remaining lines. E. J. Kallright, San Diego, Ch. Engr.

New Brunswick—Canadian Government Rys., St. John, granted permission by Council for spur west of track at foot Charlotte St. C. B. Brown, Moncton, Ch. Engr.

Quebec—Hull Electric Co. plans extending line on Chelsea and Montcalm St. G. Gale, Mgr.

Quebec—Montreal Tramways and Power Co., 78 Craig St., W., plans to extend line on Park Ave. J. E. Hutchinson, Montreal, Gen. Mgr.

Ontario—Canadian Northern Railway Co. made plans for line along lake shore. M. H. MacLeod, Winnipeg, Ch. Engr. Noted May 18.

Ontario—Ontario Railway and Municipal Bd., Toronto, authorized city to build and Toronto St. Ry. to equip and operate line along Wilton Ave. to Broadview Ave. and north on Broadview Ave. to Gerard Ave. along Gerard Ave. to Carlaw and Guelph and Pape Ave., thence north on Pape Ave. to Danforth Ave. R. J. Fleming, Toronto, Gen. Mgr. Toronto St. Ry.

Bids In and Contracts Awarded

Pennsylvania—Philadelphia, Baltimore & Washington R.R. let contract extending South Chester line from Marcus Hook to Essington, including all incidental work to J. McGRAW CO., Commercial Bldg., Philadelphia.

Ohio—(Official)—Pennsylvania Lines West of Pittsburgh let contract third-tracking line from Leetonia to Salem, including work at yards west of Salem, to J. C. HERNDON & CO., Leetonia. Noted Apr. 6.

West Virginia—Morgantown & Wheeling Ry., Morgantown, let contract interurban railway from Price to Blacksville, 7.45 mi., to H. D. EICHELBERGER, Richmond. Noted Dec. 30.

West Virginia—Pittsburgh, Cincinnati, Chicago & St. Louis Ry. (Pennsylvania Lines West of Pittsburgh, Southwest System), let contract line from Chester, W. Va., to point below Beaver, Penn., to FERGUSON & EDMUNDSON, Pittsburgh. Noted Oct. 12.

Montana—Northern Pacific Ry. let contract line from Billings to Lake Basin, about 32 mi. to GRANT, SMITH & CO., 1505 Pioneer Bldg., St. Paul. Noted Oct. 12.

LIGHT, HEAT AND POWER

Proposed Work

Maine, Lake View—Lake View Electric Co., recently incorporated with capital stock of $5,000, plans electric power plant to supply electricity in Lake View and Brownsville. E. H. Hamlin, Milo, Pres.

Maine, South Berwick—Berwick & Salmon Falls Electric Co., Masonic Bldg., Dover, N. H., plans power plant to include concrete dam about 240 ft. long and 16 ft. high, $100,000. I. Jones, Milton, Engr.

Mass., Leominster—Connecticut River Power Co. secured permission to install transmission line from southwestern part of city to Viscoloid Co.'s plant.

N. Y., Schenectady—Schenectady Illuminating Co. has increased capital stock from $3,000,000 to $5,000,000, and plans improving its system.

N. J., Jersey City—Public Service Electric Co. plans installing conduit system in Summit Ave.

Penn., Philadelphia—Endura Manufacturing Co., Eastwick Ave. and West 63rd St., making plans for 1-story addition to boiler house.

Penn., Philadelphia—L. H. Gilmer Co., Keystone and Cottman St., plans power house. H. C. Eisenbise, Pennsylvania Bldg., Arch.

Penn., York—Bell Motor Car Co., Center St. and Pennsylvania R.R., making plans for 1-story boiler house. About $5,000. J. B. Harmon, 48 North Queen St., Lancaster, Arch.

Va., Clarksville—Council plans issuing $7,500 bonds for electric-light system.

W. Va., Fairmont—Owens Bottle Machine Co. making plans for coal gas producing plant. About $300,000.

Ga., Fayetteville—City soon votes on $15,000 bonds for improving electric-lighting system.

Fla., Stuart—G. W. Parkes and associates considering plans for improving hydro-electric plant near Stuart.

Tenn., Arlington—City plans electric-light plant and water system. About $10,000. W. A. Taylor, Mayor.

Ky., Alexandria—Business Men's Club organized company to construct and operate an electric-light plant in Alexandria.

Ky., Georgetown—City voted $100,000 bonds for electric-light plant and water system. Noted Oct. 19.

Ky., Murray—City voted $20,000 bonds for electric-light plant. Noted Nov. 2.

Ind., Sullivan—Wabash Valley Utilities Co., recently incorporated, plans power house. H. E. Vondermart, Pres.

Mich., Milliken—Council soon votes on franchise for electric-light system.

Ill., Chicago—City granted permit for a 1-story steel and brick power house at 29th St. and Sacramento Ave. About $120,000. C. W. Kallal, Arch.

Ill., Winnetaka—City plans improving electric-light system.

Wis., Park Falls—Flambeau Paper Co. of Park Falls retained T. W. Orbison, Arch., Appleton, to make plans for power dam, hydro-electric plant and paper mill on Flambeau River, near Park Falls. About $125,000.

Iowa, Dayton—Bd. Railway Comrs. of Iowa granted Town of Dayton franchise for electric transmission line between Harcourt and Dayton.

Iowa, Le Mars—City plans electric-light plant.

Iowa, Shenandoah—City defeated bonds for electric-light plant. Noted Oct. 19.

Minn., Duluth—Great Northern Power Co. will issue bonds for improving and extending system, including electric transmission line from Thomson to Virginia.

Minn., Hutchinson—Hutchinson Gas Co., c/o Gas and Electric Construction Co., receives bids about Mar. 1 for gas plant. About $30,000. E. E. Collins, 509 Northwest Bank Bldg., Minneapolis, Pres. Western Gas Construction Co., Ft. Wayne, Engr. Noted Oct. 26.

Minn., St. Cloud—St. Cloud Public Service Co. making plans addition to its plant. C. L. Pillsbury Co., 805 Metropolitan Life Bldg., Consult. Engr.

Kan., Bunker Hill—City plans street-lighting system.

Kan., Moran—City receiving bids for electric-light plant. About $12,000. W. B. Rollins & Co., 239 Midland Bldg., Kansas City, Mo., Engr. Noted Oct. 5.

N. D., Flasher—H. Thornberg and J. Bunting granted franchise to install electric-light system.

Mo., Bowling Green—Bowling Green Mineral Spring Co. plans to install electric-light plant. J. H. Lynch, 625 Locust St., St. Louis, Arch.

Mo., Joplin—Empire District Electric Co., Joplin, plans improving its Spring River power plant. About $25,000.

Mo., Newton—City plans voting on bonds for electric-light plant.

Mo., Springfield—City voted $4,000 electric-light plant bonds. T. J. Moore, Clk. Noted Nov. 16.

Tex., Brady—City plans to improve electric-light plant.

Tex., Galveston—Galveston Electric Co. plans installing 300-kw. motor-generator in its plant at Galveston.

Okla., Rocky—C. A. Mayhew granted franchise by city to install electric-light plant.

Okla., Verden—City plans to install electric-light plant.

Colo., Ft. Morgan—See item under "Water-Works."

Light, Heat and Power (Continued)

Bids In and Contracts Awarded

Conn., Hartford—Industrial Realty Title and Guarantee Co., 18 Asylum St., let contract 1-story boiler house to WISE & UPSON, 36 Pearl St.

Conn., Waterbury—A. H. Wells Co., Inc., 563 Watertown Ave., let contract power house to H. WALES LINES CO., 134 State St., Meriden. Noted Nov. 23.

Penn., Chester—Beacon Light Co. let contract 1-story power house on Delaware River to CHESTER CONSTRUCTION AND CONTRACTING CO., Chester. About $2,500,000. Noted June 29.

N. C., Madison—City let contract electric-light plant to R. H. MILTON, Greensboro, about $8,000. W. C. Jones, Mayor. Noted Mar. 16.

Ind., Rushville—National Serum Co., 874 Fletcher Ave., let contract boiler house to M. M. WINSHIP, Rushville.

Minn., Sauk Center—City let contract electric-light and power plant to ALLIS-CHALMERS CO., Corn Exchange, Minneapolis, $35,000.

Mo., Joplin—City let contract heating and ventilating system in high school to SMITH & WELLS, Springfield, $37,065.

BRIDGES

Proposed Work

N. J., Flemington—Bd. Freeholders Hunterdon County receiving bids Dec. 7 for 50-ft. span bridge at Sidney, also 1 at Frenchtown. Address Clk., Flemington.

N. J., Highlands—Monmouth County made plans for bridge over Shrewsbury River. About $80,000. J. T. Simpson, 31 Clinton St., Newark, Engr. Noted Nov. 16.

Penn., Knoxville—Borough soon receives bids for 2-span bridge, 85 ft. long, 16-ft. roadway, cost substructure, $7,365; superstructure requires about 15,600 lb. steel, $9,475. G. A. Flink, Harrisburg, Consult. Engr. Noted Nov. 9.

Ga., Bainbridge—Comrs. Decatur County plan new bridge over Flint River at Bainbridge. Address County Clk., Bainbridge.

Fla., Jacksonville—Duval County making plans for rein.-con. bridge over McGirts Creek at Ortega. About $115,000. Ellis, Curtis & Kooker, Jacksonville, Engr.

Fla., Jacksonville—Duval County election in April to vote on $1,000,000 bonds for bridge over St. Johns River. Harrington, Howard & Ash, 1012 Baltimore Ave., Kansas City, Mo., Engr. Noted Oct. 5.

Fla., Miami—(Official)—Comrs. Dade County at office of Clk. of Bd. Comrs., Miami, receiving bids Dec. 14 for Miami Causeway across Biscayne Bay, connecting City of Miami with Town of Miami Beach. Klyce & Kackley, Real Estate Bldg., Civil and Consult. Engr. Noted Sept. 14.

Fla., Moline—Escambia County Comrs. receiving bids Dec. 12 for steel bridge over Escambia River. About $16,000. Address County Clk., Pensacola. Noted July 20.

Miss., Biloxi—Harrison County making plans for bridge. About $50,000. Address County Clk., Biloxi.

Miss., Canton—See item under "Streets and Roads."

Ky., Covington—City plans to convert water main bridge between Latonia and Campbell County into traffic bridge. About $40,000. H. G. Meiners, City Engr.

Ohio, Barberton—City made plans for bridge on Tuscarawas Ave. H. W. Alcorn, City Engr.

Ind., Indianapolis—City making plans for new culvert over Pogue's Run on Michigan St. B. J. T. Jeup, City Engr.

Ind., Shoals—Martin County receiving bids Dec. 4 for 3 steel bridges. L. D. Haga, Shoals, Audr.

Mich., Manistee—Manistee County defeated $6,500 bonds for bridge over Manistee River. Address County Clk., Manistee. Noted Sept. 14.

Ill., Sycamore—Dekalb County plans $1,000,000 bond issue for bridge and road work. Project includes $60,000 for 200-ft. con. bridge and $20,000 for 5 con. bridges. A. Miller, Sycamore, County Rd. Superv.

Wis., Milwaukee—Supreme Court decided Chicago, Milwaukee & St. Paul Railway Co. must improve viaduct over tracks at Blue Mound Rd. crossing. C. F. Loweth, Chicago, Ch. Engr.

Wis., Milwaukee—Comrs. Pub. Wks. plan improving Holton St. Viaduct. About $200,000. G. Staal, City Engr.

Wis., Potter—W. Hoeing, Brillion, receiving bids Dec. 15 for rein.-con. bridge, including seven 40-ft. spans. About $20,000. Noted Oct. 26.

Wis., Rantoul—Calumet County voted for bridge across Manitowoc River. About $20,000. Address County Clk., Cheton.

Iowa, Council Bluffs—City voted $200,000 bonds for free bridge from Council Bluffs to Omaha. Noted July 27.

Iowa, Jefferson—Greene County making plans for 5 bridges. H. W. Thompson, Jefferson, County Engr.

Iowa, Toledo—Tama County making plans for 4 steel bridges. A. R. Hebenstreit, Toledo, County Engr.

Minn., Austin—Mower County plans $120,000 bond issue for 60 bridges. O. J. Simmons, Austin, County Audr.

Minn., Owatonna—Citizens voted $20,000 bonds for bridge over Straight River on Bridge St. Noted Oct. 12.

Minn., St. Paul—Council authorizes Minnesota Transfer Co., Great Northern Ry. and Northern Pacific Ry. to repair middle span of Raymond Ave. Bridge over their tracks. H. E. Stevens, St. Paul, Ch. Engr., Northern Pacific Ry.

Neb., St. Paul—Howard County receiving bids Dec. 15 for 3 steel and 3 wooden bridges. K. D. Bahensky, St. Paul, Clk.

Mo., Joplin—Council plans election to vote on bonds for bridge on Pennsylvania Ave. over tracks of Frisco R.R. J. J. McAfee, City Engr.

Mo., Kansas City—Park Bd. plans bridge over Cliff Dr. on Central Ave. traffic way through North Terrace Park. About $40,000. Kansas City Terminal Ry. plans viaduct to extend traffic way over tracks into East Bottoms on Guinotte Ave. J. V. Hanns, Kansas City, Ch. Engr. C. Hill, City Engr.

Tex., Galveston—Galveston County receiving bids Dec. 4 for 4 rein.-con. bridges on Dickinson-Alta Loma Rd. Address County Clk., Galveston. Noted Sept. 14.

Tex., Pinehurst—Montgomery County receiving bids Dec. 4 for 4 rein.-con. bridges on Dickinson-Alta Loma Rd. J. M. Murch, Conroe, County Audr.

Okla., Minco—City plans $60,000 bond issue for bridge over South Canadian River.

Ore., Baker—Baker County plans to spend about $30,000 for bridges next year. I. L. Hoffman, Baker, County Engr.

Ore., Condon—Comrs. Gillam County, Condon, and Sherman County, Moro., plan 310-ft. bridge at McDonald Ferry on Wasco-Pendleton Rd. and 80-ft. bridge to replace Cottonwood Bridge over Day River on Condon Rd. C. E. Hardin, Condon, and W. Heinrichs, Moro, Engrs.

Calif., Eureka—Northwestern Pacific Railroad Co. plans new bridge between Eureka and Arcata. W. Williams, San Francisco, Ch. Engr. Constr.

Calif., Hanford—Kings County receiving bids Dec. 5 for 3 pile-trestle bridges over Cross Creek. E. F. Pickerill, Hanford, County Clk.

Calif., Hanford—Bd. Superv. Kings County making plans for concrete bridge over Last Chance Canal, near Hanford. B. Duffield, Hanford, County Surv.

Calif., Santa Ana—City plans rein.-con. bridge on Hannah St. and 1 on North Main St. About $40,000. C. C. Binebrake, City Engr.

Calif., Ventura—City plans bridge over San Jon Barranca to connect county and state highways.

Calif., Ventura—Ventura County receiving bids Dec. 5 for 48,000 sq.ft. warrenite pavement on bridges in parts of county. J. B. McCloskey, Ventura, County Clk.

Calif., Visalia—Tulare County receiving bids Dec. 5 for 80-ft. concrete bridge over Tule River at Earlimart. Address County Clk., Visalia.

Calif., Visalia—Tulare County receiving bids Dec. 5 for rein.-con. bridge over Deer Creek. Address County Clk., Visalia.

Bids In and Contracts Awarded

Mass., Springfield—City let contract bridge over Little River on Southwick Rd. to WORONOCO CONSTRUCTION CO. About $33,000.

Conn., New Britain—Baker & Lasher, Inc., submitted low bid for concrete bridge on Monroe St. About $4,056.

Penn., Reading—Reading Ry. let contract 2 rein.-con. box bridges to P. J. CAMPION, Mahanoy City.

Md., Elkton—State Rds. Comn. let contract bridge over Little Elk Creek near Elkton to L. G. DENNEMAN CO., Baltimore, about $17,545.

W. Va., Logan—(Official)—Logan County let contract bridges to PIPES & WATSON, Middlebourne, $66,077, and LUTEN BRIDGE CO., York, Penn., $11,619. Noted Nov. 2.

N. C., Charlotte—Mecklenburg County let contract bridge over Catawba River at Betty's Ford to VIRGINIA BRIDGE AND IRON CO., Roanoke, about $23,171. Noted Nov. 23.

Ind., Washington—City let contract rein.-con. bridge over Niagara River to ONTARIO & NIAGARA CONNECTING BRIDGE CO., about $1,000,000.

Iowa, Waverly—County let contract steel bridge having three 120-ft. spans to ILLINOIS STEEL CO., Jacksonville.

Minn., Faribault—State Highway Comn. let contract bridge No. 2375 to THOMAS & THOMSON, Faribault, about $6,717.

Neb., Fairbury—Jefferson County let contract bridge over Blue River to STANDARD BRIDGE CO., Omaha, about $40,000. Noted Sept. 28.

Mo., St. Louis—City let contract viaduct on St. Charles Rd. to GINDELE CONSTRUCTION CO., 3333 South La Salle St., Chicago.

Okla., Buffalo—Harper County let contract 2 steel bridges to CANTON BRIDGE CO., Wichita, Kan. About $5,365. Noted Oct. 19.

Calif., Bakersfield—Kern County let contract bridges and culverts on Div. 10, Bakersfield-Mojave Rd., to R. SHERER & CO., 750 Pacific Electric Bldg., Los Angeles, about $71,155. Noted Nov. 2.

Calif., Red Bluff—City let contract Oak Creek Bridge to J. A. WITTER, $7,773.

Calif., Santa Barbara—State Highway Comn., Sacramento, let contract bridge over Gaviota Creek, 4th Rd. Dist., to W. M. LEDBETTER, Pacific Electric Bldg., Los Angeles, about $9,450. Noted Nov. 23.

Que., Montreal—City let contract bridge on Church Ave. to J. F. JAGO CO., 37 Mayor St., about $78,900. Noted Nov. 16.

WATER-SUPPLY

Proposed Work

Mass., Lenox—Pub. Ser. Comn. approved plans for reservoir below present Root Reservoir on Richmond Mt. About $87,000. Noted Nov. 23.

Mass., Pittsfield—Bd. Pub. Wks. authorized Council to extend water mains. About $7,000. J. Wise, Supt.

Mass., Spencer—City plans new water mains. E. J. Starr, Supt.

Mass., Springfield—Bd. Pub. Wks. plans to spend $7,000 for water mains. A. E. Martin, Supt.

Conn., Noank—Com. appointed to investigate installation of water system.

N. Y., Yonkers—Bd. Pub. Wks. approved ordinance for 3,000,000-gal. pump in tube well station. E. L. Peere, Supt.

Penn., Franklin—City receiving bids Dec. 2 for rein.-con. pump well. J. G. Crawford, City Clk.

W. Va., Barboursville—City and Water and Light Comn. plans to install wooden tank, capacity 20,000 to 30,000 gal.

Fla., Stuart—Southern Utilities Co., Heard National Bank Bldg., granted franchise for water system and electric-light plant.

La., De Ridder—City plans pumping plant. A. Davis, Mayor.

La., Lafayette—City plans water system. About $30,000.

La., Shreveport—City receiving bids Dec. 9 for water-works. About $438,000. W. R. Gross, Supt.

La., Vinton—(Official)—City receiving bids about February for water system. About $20,000. T. H. Mandell, Lake Charles, Town Engr. Noted Nov. 16.

Tenn., Arlington—See item under "Light, Heat and Power."

Ky., Georgetown—See item under "Light, Heat and Power."

Ky., Versailles—Plans being made for water system. About $20,000. C. E. Collins, Drexel Bldg., Philadelphia, Penn., Engr. Noted Nov. 2.

Ohio, Akron—City defeated $300,000 bonds for water system. H. H. Frost, Supt. Noted Oct. 5.

Ohio, Cincinnati—City plans $125,000 water bonds. A. D. Blackmore, Supt.

Ohio, Circleville—Bd. Pub. Ser. plans water system and electric-light plant. A. Gampers, 478 West 5th Ave., Columbus, Arch.

Ohio, Girard—City plans extending water main in portion Kline St. J. Gray, Supt.

Ohio, Mansfield—Council made plans for pump at main pumping station.

Ohio, Mt. Vernon—City lets contract in April for water meters. About $20,000. D. G. Pickard, Supt. Noted Oct. 12.

Mich., Ann Arbor—(Official)—Ann Arbor Water Comn. receiving bids Dec. 6 for 360 tons class "C" 16-in. water pipe, 790 tons class "B" 16-in. water pipe, or 220 tons class "C" and 1,085 tons class "B" water pipe, 16-in.

Mich., Otsego—(Official)—City receiving bids Dec. 8 for improving water system. About $30,000. A. H. Smith Engineering Co., Toledo, Ohio, Engr. Noted Nov. 16.

Mich., Pontiac—City plans election in December to vote on bonds for water system. H. L. Weaver, Supt.

Ill., Manlius—Citizens voted bonds for water system.

Ill., Whitehall—Town plans flow line and equipment for water-works. F. L. Wilcox, Syndicate Trust Bldg., St. Louis, Mo., Engr.

Wis., Lodi—Village Bd. soon to receive bids for electrical-driven pump. A. H. Hinds, Supt.

Wis., Nacedah—City made plans for water system. W. G. Kirchoffer, 22 North Carroll St., Madison, Sanitary and Hydraulic Engr.

Wis., Woodville—Village Bd. made plans for water system.

Iowa, Forest City—City will vote Dec. 11 on $15,000 bonds for reservoir and pumping station. J. O. Johnson, Supt. Noted Nov. 2.

Iowa, Laurens—City plans election to vote on bonds for water tank and extending water mains. A. Shaner, Supt.

Water-Works (Continued)

Iowa, Maxwell—City votes Dec. 12 on $15,000 bonds for improving water system. W. J. Cure, Supt. Noted Nov. 16.

Minn., Ironton—City will sell $15,000 water bonds, Dec. 7. E. R. Burns, Clk. Noted Nov. 23.

Minn., Mankato—City receiving bids Dec. 11 for water mains on portion North Main St. H. F. Bloomquist, Supt.

Minn., West Concord—City election Dec. 5 for $8,500 bonds for water-works. R. C. Jones, Recdr.

Kan., Arcadia—City to vote Dec. 7 on $30,000 bonds for water system.

Kan., Moran—City receiving bids for water-works. About $30,000. W. B. Rollins, Midland Bldg, Kansas City, Mo., Engr. Noted Oct. 12.

Neb., Friend—City plans extending water mains in eastern part of city.

Neb., Lincoln—City soon receives bids for well in Van Dorn pumping station. J. A. Kneedson, Supt.

N. D., Churches Ferry—(Official)—City does not plan improving water system as noted in Oct. 26 issue.

Neb., Oconto—Village Bd. plans to improve water system.

N. D., Fargo—City soon receives bids for water main in portion 9th Ave. F. L. Anders, Supt.

Mont., Hinsdale—City plans water system. L. S. Frantz, Supt.

Mont., Livingston—City plans water system. About $225,000 available. E. C. Riss, Supt.

Mo., Bowling Green—Bowling Green Mineral Springs Co. plans water-works. J. H. Lynch, 625 Locust St., St. Louis, Arch.

Mo., Brookfield—City defeated $63,000 bonds for water system. J. W. Lacey, Supt. Noted Nov. 2.

Ark., Eudora—City plans water-works and sewer system. X. A. Kramer, Magnolia, Miss., Engr.

Tex., Brady—City will construct dams at pumping station and at mouth of Bowie Creek. J. M. Lyle, Supt.

Tex., Tyler—City Comn. approved plans for water system.

Okla., Crescent—City plans water-works and sewer systems.

Okla., Frederick—City plans election to vote on $15,000 bonds for water-works. Z. Z. Rogers, Mayor.

Okla., Kaw—City plans election soon for water-works.

Okla., Ponca—City voted $30,000 for water system and sewers. G. G. O'Neill, Supt.

Okla., Tulsa—City Comrs. approved plans for water system and filter plant. About $180,000. M. Y. McFarland, Act. Supt. Noted Aug. 24.

Colo., Boulder—City plans election in April to vote on bonds for extending water pipe line to Upper Caribou Creek. T. E. Barry, Supt.

Colo., Ft. Morgan—Council making plans for improving water and light systems. G. C. Cox, Supt.

Colo., Longmont—Council plans voting on $18,000 water bonds. H. S. Shumaker, Supt.

Idaho, Sandpoint—(Official)—City election to vote on water bonds postponed until spring. Noted Nov. 16.

Utah, Salt Lake City—City receiving bids Dec. 5 for pumping station at 9th North and 11th West St. C. F. Barrett, Supt.

Wash., Everett—City making surveys for storage reservoir in connection with the Sultan River Water Supply Project. R. E. Koon, 875 E. Yamhill St., Portland, Ore., Engr.

Wash., Olympia—Water Com. plans tower on West Side. J. L. Myers, Supt.

Wash., Walla Walla—City will sell $338,000 water bonds, Dec. 5. R. F. McLean, Supt.

Ore., Astoria—City postponed election to vote on $125,000 bonds for reservoir, indefinitely. F. J. Johnson, Mayor. Noted Nov. 16.

Ore., Hermiston—(Official)—City votes Dec. 5 on $7,000 or $8,000 bonds for improving water system. Noted Nov. 16.

Calif., Alhambra—City granted permission by State Railroad Comn., San Francisco, to acquire water plant and distributing system of San Gabriel Water Co. Noted Oct. 12.

Calif., Hanford—City plans to vote on $30,000 bonds for extension to water mains.

Calif., Sunnyvale—City soon votes on $30,000 water bonds. Noted Apr. 20.

Calif., Whittier—City lets contract in December for furnishing pipe and fittings for new mains with service laterals. About $15,000. A. L. Underwood, Supt.

Ont., Levis—Council approved plans for filter plant. About $30,000. Ouimet & Lesege, Montreal, Engr.

Bids In and Contracts Awarded

Va., Norfolk—City let contract for installing water mains, valves and hydrants on Church, Plume, 16½ and 28th St, Loyall's Lane and Llewellyn Ave., to LOUIS LAWSON, Norfolk, $20,328. Noted Oct. 5.

Miss., Coffeyville—City let contract water system to SULLIVAN, LONG & HAGGERTY, Bessemer, Ala., $18,000. Noted Nov. 2.

Ohio, Cincinnati—City let contract 150 tons pipe for water system to UNITED STATES CAST IRON PIPE AND FOUNDRY CO., Cleveland, $4,687.

Ohio, Cleveland—Cromwell Engineering Co., New Guardian Bldg., let contract for water main to supply Cromwell Co. on East Side river front to OHIO ENGINEERING CO., Lorain, $16,000.

Ohio, Salem—City let contract reservoir at pumping station to F. L. STOFER, Washingtonville, about $17,000. Noted Nov. 23.

Ind., Muncie—Ball Bros. Glass Manufacturing Co. let contract drilling two 10-in. wells to C. KRAUSS & SONS, Pratt and Missouri Ave., Indianapolis.

Mich., Pontiac—City let contract air compressor at water-works to WORTHINGTON PUMP AND MACHINERY CORPORATION, 115 Broadway, New York, $9,950. Noted Nov. 23.

Wis., Madison—(Official)—City let contract enlarging pumping station, including 8,000,000-gal. pumping engine, horizontal cross-compound, to ALLIS-CHALMERS CO., Milwaukee, $32,750. Noted Nov. 9.

Iowa, Lake Mills—City let contract water mains to HAWKEYE SUPPLY CO., Mason City; valves and hydrants to IOWA VALVE CO., Oskaloosa. Noted Nov. 16.

Ark., Walnut Ridge—City let contract for water-works and sewer systems to MORENGO & BURKHAM, Syndicate Trust Bldg., St. Louis, Mo, $80,000. Noted Nov. 9.

Okla., Tulsa—City let contract pumping station to FOGLE CONSTRUCTION CO., Kansas City, Mo., about $5,237. Noted Nov. 2.

Calif., Claremont—Claremont Co-operative Water Co. let contract for 1,500,000-gal. concrete reservoir, 150 ft. diam., 12 ft. deep, to J. L. ACKLAND, 730 Title Insurance Bldg., Los Angeles.

SEWERS

Proposed Work

Vt., St. Albans—City to install sewers in Smith St. by day labor.

Mass., Lowell—City plans sewers in Winthrop Ave. S. Kearney, City Engr.

Conn., Middletown—Council plans sewer system. J. M. Lucey, City Engr.

N. Y., New York—(Richmond)—(Official)—C. D. Van Name, Borough Pres., St. George, New Brighton, receiving bids Dec. 6 for sanitary sewer in portion Oxford Pl.

N. J., Paterson—Bd. Pub. Wks. plans sewers in Jasper, May, Walnut, East 25th St. and Iowa and 21st Ave. H. J. Hardes, City Engr.

N. J., Trenton—City Comn plans sewer in portion of Quarry St. J. R. Fell, City Engr.

Penn., Butler—City plans sewer in portion Shippan Ave. H. O. Carson, City Engr.

Penn., Greensburg—City voted bonds for disposal plant. J. Neal, City Engr. L. E. Tracy, Pittsburgh, Consult. Engr. Noted May 25.

Penn., Penns Station—City voted $25,000 sewer bonds. Plans made. T. P. Herron, Irwin, Engr. Noted Nov 2.

Penn., Souderton—Borough plans sewer and disposal plant. About $20,000. C. E. Collins, Drexel Bldg., Philadelphia, Engr.

Va., Richmond—City soon to receive bids for 12- and 14-in. sewer in portion 4th St., and sewer in Westwood Ave. C. E. Bolling, City Engr.

W. Va., Parkersburg—City receiving bids Dec. 6 for 8-in. sanitary sewer in portion Vaughan Ave. T. Z. Higgs, City Engr.

S. C., Bishopville—City to vote Dec. 12 on $35,000 sewer bonds. W. L. Parrott, Mayor.

Miss., Biloxi—Council plans for sewer system. E. Glennan, Mayor.

Ky., Richmond—City to vote on sewer bonds in February or March. J. S. Boggs, City Engr. Noted Aug. 17.

Ohio, Bellefontaine—(Official)—Council receiving bids Dec. 8 for 6,000 lin.ft. 8-in. sewer in Staunton Ave. C. A. Inskeep, City Engr. Noted Nov. 16.

Ohio, Bexley—(Columbus post office)—See item under "Streets and Roads."

Ohio, Cincinnati—Council plans issuing $23,200 bonds for sewers in Baltimore Ave. F. Krug, City Engr.

Ohio., Greenville—(Official)—City receiving bids Dec. 14 for 8,000-ft. storm sewer. About $55,565. R. H. Horn, City Engr.

Ohio, Mansfield—Council passed resolution for improving portion of Orange St. sewer. W. J. Hazelton, City Engr.

Ohio, Sebring—Bd. Health authorizes plans made for disposal plant.

Ohio, Wapakoneta—City defeated $20,000 sewer bonds. C. F. Fisher, City Engr.

Mich., Bay City—Council plans sewer system. About $4,500. C. Thompson, City Engr.

Mich., Muskegan Heights—City making plans for sewer system. Hoad & Dekker, Ann Arbor, Engr.

Ill., Berwyn—City making plans for sewers in various streets. About $20,000.

Ill., Chester—City plans sanitary sewers. About $66,000. W. McCarthy, Engr

Iowa, Des Moines—City making plans for sewer in Grand St. K. Kastberg, City Engr.

Minn., Mankato—City receiving bids Dec. 11 for sanitary sewer portion Vine St. H. F. Bloomquist, City Engr.

Minn., St. Paul—Council plans sewers in portions Pascal and White Bear Ave. P. Clausen, City Engr.

Minn., St. Paul—Council approved plans for sewer systems in Morton St., Harvester and Bayard Ave. P. Clausen, City Engr.

Kan., Wichita—City passed ordinance for lateral "A" of Sanitary Sewer No. 13. B. C. Wells, City Engr.

N. D., Fairmount—City plans 16 blocks sewers. L. N. Abbott, Mayor.

N. D., Fargo—(Official)—City receiving bids Dec. 13 for sewers. About $93,000. F. L. Anders, City Engr. Noted Oct. 12.

Mont., Bozeman—City receiving bids Dec. 7 for sanitary sewers in Dist. No. 129. C. C. Widener, City Engr.

Mont., Great Falls—City plans sewer in portion 2d alley. T. B. Evanson, City Engr.

Ark., Eudora—See item under "Water-Works."

Tex., El Paso—City votes Dec. 19 on $100,000 bonds for disposal plant or septic tank, $75,000 for storm sewers, $40,000 extending sewers, $40,000 grading streets. G. Espy, City Engr.

Okla., Ponca—See item under "Water-Works."

Okla., Ringling—Council making preliminary plans for sanitary sewer system. About $30,000. W. McIntosh, Oklahoma, Engr.

Utah, Salt Lake City—(Official)—City receiving bids Dec. 5 (extension of date) for pump house for main trunk sewer at 8th, North and 11th West St. G. Snow, Recdr. S. Q. Cannon, City Engr. Noted Nov. 9.

Wash., Everett—Council passed resolution for sewer in portion alley between Hoyt and Rucker Ave. H. Mummy, Jr., City Engr.

Wash., Tacoma—Council adopted resolution for 8-, 12-, 15- and 18-in. sanitary sewers in South 7th and other streets. W. C. Raleigh, City Engr.

Wash., Tacoma—City petitioned Pub. Wks. Dept. for trunk sewer in School Sect. No. 36. W. C. Raleigh, City Engr.

Calif., Berkeley—Council plans sewers. J. J. Jessup, City Engr.

Calif., Eureka—Council authorized plans made for sewers in portions of L and C St. and alley south of Harris St. G. A. Strand, City Engr.

Calif., Oakland—City made plans for sewer in portion of East 11th St. Bids soon. P. G. Brown, City Engr.

Calif., Riverside—City receiving bids Dec. 5 for 6-in. sewer in Eucalyptus Ave. A. P. Campbell, City Engr.

Calif., Stockton—Council plans 2 disposal plants at San Joaquin River. H. S. Compton, City Engr.

Calif., Yuba City—Sutter County soon receives bids for sewer system and paving several streets. Address County Clk., Yuba City.

Ont., Ford—Town plans sewer system. About $113,915. T. A. Murray, 303 Lumsden Bldg., Toronto, Engr.

Ont., Goderich—Council plans sewer in Britania Rd.

Ont., London—Council plans extending storm and sanitary sewers. H. A. Brazier, City Engr.

Ont., Peterboro—Council passed bylaw authorizing sewer system. About $4,000. R. H. Parsons, City Engr.

Bids In and Contracts Awarded

Maine, Portland—Bd. Pub. Wks. let contract sewer in Washington Ave. to R. LEE.

Conn., Waterbury—(Official)—Bd. Pub. Wks. let contract sewers portions of Meriden and Plank Rd., Eastwood and Highland Ave. to SPINACH CONTRACTING CO., Waterbury. Noted Oct. 26.

N. Y., New York—(Manhattan)—(Official)—M. M. Marks, Boro. Pres., Room 2032 Municipal Bldg., received low bid for sewer in portion Spruce St. from Laconia Contracting Co., 835 East 213th St., Bronx. Others too small. Noted Nov. 16.

N. J., Collingswood—City let contract sewers in Remington, Vosbury, 6th and Market St. to A. STUTZER, Collingswood.

N. J., Plainfield—(Official)—City let contract storm sewers to C. A. PETERSON, 1332 George St., Plainfield, $28,361. Noted Nov. 9.

Penn., Linwood—City let contract sewer system to E. H. OLIVER, 615 West 9th St., Chester. Noted Mar. 30

Penn., Meadville—Council let contract sewers in Limber Rd., Lafayette, North, Water, Pine and Henry St. to HARRIS CONSTRUCTION CO and KEYSTONE CONSTRUCTION CO.

Penn., Philadelphia—Dept. Pub. Wks. let contract sewers in portions of streets as follows: Venango and Stokley St., E. PASCUZZI, $50,000 and $48,000; Olney Ave. and 11th St., P. ELLIS, $23,000 and $5,500; Duncannon St., D. DELICE, $23,000; Catherine and 55th St., J. LOMBARDI, $21,000 and $6,700; 7th St., R. P. RYAN, $8,000; 4th St., C. A. CONAN, $7,600.

Penn., Williamsport—City let contract sewers in Court St. and Menne Alley to B. H. CORYELLE.

Sewers (Continued)

Fla., Arcadia—(Official)—City let contract extending sewer system to CROCKETT & ZIMMERMAN CONTRACTING CO., Lakeland, $20,024. Noted Oct. 19.

Ohio, Niles—(Official)—City let contract sewers in Federal, West, Bond and Evans St. to F. GEORGE, Pittsburgh, Penn. Noted Nov. 16.

Mich., Allegan—City let contract sewer in Pine St. to BARNES & O'NEIL.

Mich., Holly—City let contract sewer in Center St. to C. S. BELL & SON.

Wis., Denmark—Village let contract sewer to KISPER & HENRICHS, Kaukauna.

Wis., Fond du Lac—City let contracts sewers as follows: West 2nd and Emma St. to R. BARNETT, 389 4th St; Oak, South, West Division and West Rees St. to F. ADAMS. Noted Nov. 2.

Wis., Madison—City let contract sanitary sewer system to J. FICKE, Washington Bldg., $12,400.

Wis., Sparta—City let contract sewers in Chester and Condit St. to N. F. PALEN.

Kan., Clay Center—City let contract storm sewer No. 3 to E. D. REED, $17,187.

Mont., Great Falls—City let contract sewers to F. E. EVANS CONSTRUCTION CO., $17,737.

Ark., Walnut Ridge—See item under "Water-Works."

Calif., Stockton—City let contract storm sewers to WHITLOCK & GORRILL, Monadnock Bldg., San Francisco.

GARBAGE

Proposed Work

Va., Newport News—City plans East End and North End garbage disposal plants. About $13,000. T. E. Pearce, City Engr.

Tenn., Chattanooga—Nye Odorless Incinerator Co., Memphis, made proposition to Dept. of Streets and Sewers to construct garbage incinerating plant for $16,000. R. Hooke, City Engr. Noted Mar. 2.

Mo., Joplin—City election soon to vote on $40,000 bonds for garbage disposal plant. R. B. Tyler, M. D., Comr. Health. Noted July 6.

Bids In and Contracts Awarded

Penn., Oil City—Council rejected bids for leasing garbage disposal plant and collecting garbage. R. B. Weber, City Engr. Noted Sept. 21.

Penn., Philadelphia—Dept. Pub. Wks. let contracts cleaning streets as follows: Dist. 1A, J. A. MILLEN, 5512 Vine St., $153,700; Dist. 1B, J. Irwin, 25th and Moore St., $184,300; Dist. 2 and 3, E. H. VARE, Lincoln Bldg., $369,000 and $310,000; Dist. 4A, J. D. DORNEY, 1204 East Montgomery Ave., $183,000; Dist. 4B, H. RUCH, 2212 East Susquehanna Ave., $136,500; Dist. 6, D. McMAHON, Main and Chelton Ave., $233,500; collection of ashes and rubbish, Dist. 4B, BEAM FLETCHER CORPORATION, Pennsylvania Bldg., $79,900; all other bids rejected. New bids. Noted Nov. 23.

STREETS AND ROADS

Proposed Work

Mass., Fitchburg—City plans widening Main St. About $100,000.

Mass., Haverhill—City made plans for improving Fairfield St. L. C. Lawton, City Engr.

Mass., Haverhill—Council granted permit for sidewalks on 14th Ave.

Mass., Springfield—City voted to lay sidewalks on Genessee, Crane, Bartlett, Margaret, Williams, Wilcox, Charles, Union and Howland St. and curbing Chattuck and Crane St. I. H. Clark, City Engr.

N. Y., Huntington—Town Highway Dept. plans to spend $55,000 for repairing and improving highways as follows: General repair, $6,000; oil, $12,000; Park Ave., $2,500; Deer Park Ave., $1,500; Southdown Ave., $2,000; New York Ave., at Huntington Station, $5,000; repairs to permanently improved roads, $20,000; West Shore Rd., $1,000. E. Smith, Town Highway Supt.

N. Y., New York—(Brooklyn)—L. H. Pounds, Boro. Pres., Room 2, Boro. Hall, receiving bids Dec. 6 for furnishing and delivering 30,000 gal. refined asphalt.

N. Y., New York—(Richmond)—C. D. Van Name, Boro. Pres., Boro. Hall, St. George, New Brighton, receiving bids Dec. 4 for regulating and repaving portion of Elliott Ave., concrete.

N. Y., Peotia—State Highway Dept. approved plans for improving portion Sacandaga Rd. C. E. Hoyt, Village Clk.

N. Y., Syracuse—Council passed ordinance for paving Whittier, Euclid Ave. and Allen St., resurfacing Delaware, Gifford St. and Slocum Ave., also sewer in South Salina St. H. A. Allen, City Engr.

N. J., Hackensack—Bd. Freeholders, Bergen County, will issue $608,000 bonds for improving county roads. Address County Clk., Hackensack.

N. J., Hilton—Town plans to pave portion Wellesley St., macadam.

N. J., Newton—Bd. Freeholders, Sussex County, sold $25,572 bonds for macadamizing Newton-Sparta Rd. Address County Clk., Newton. Noted Oct. 26.

N. J., Passaic—Bd. Freeholders, Passaic County, plans improving portion Main Ave. Address County Clk., Paterson.

N. J., Somerville—Bd. Freeholders, Somerset County, receiving bids Dec. 13, for road in Bridgewater Township. F. W. Remsen, Somerville, Dir.

N. J., South Orange—(Official)—Town receives bids next year for paving Wellesley St., macadam. E. R. Arcularius, Clk. Noted Nov. 16.

N. J., West Orange—Town plans to pave Freeman Pl. and Harvard Terrace, macadam. Mead & Taylor, Town Engr.

Penn., Bradford—City voted $80,000 bonds for paving streets. B. A. Wise, City Engr.

Penn., Clearfield—City to spend about $50,000 for paving various streets in spring. E. W. Hess, Engr. Noted July 20.

Penn., Lebanon—City making plans for paving around Quittapahilla Creek, concrete. About $80,000. P. A. Volcker, City Engr.

Penn., Mahanoy City—City voted $70,000 street and fire-department bonds. W. G. Thomas, City Engr.

Penn., Smethport—McKean County voted $750,000 bonds to be used with like amount appropriated by state for 100 mi. roads. Address County Clk., Smethport.

Md. Baltimore—(Official)—Bd. Awards receives bids some time next year for paving various streets, asphalt and block, about $1,000,000. R. K. Compton, Baltimore, Chn. and Consult. Engr. Paving Comn. Noted Nov. 16.

Va., Clarendon—(Official)—Alexandria County election Dec. 12 to vote on about $225,000 bonds for road work. G. H. Rucker, Clarendon, Clk. Noted Nov. 16.

Va., Richmond—Administrative Bd. authorizes city to make plans for roadway from Byrd Park to Bryan Park.

Fla., Arcadia—City sold $90,000 street-improvement bonds. Noted Sept. 14.

Fla., Ft. Lauderdale—Broward County Comrs. receiving bids Dec. 5 for 2 macadam roads in Special Rd. and Bridge Dist. No. 2. H. C. Davis, Ft. Lauderdale, County Engr. Noted Apr. 13.

Fla., Perry—Taylor County receiving bids Dec. 6 for about 86.84 mi. roads. Citizens voted $600,000 bonds. Address County Clk., Perry. Noted Nov. 9.

Fla., Sandford—Seminole County receiving bids Dec. 5 for about 13,700 sq.yd. brick pavement, also 19,500 lin.ft. of 4- to 10-in. curb. L. P. Hagan, Sandford, Chn. Comrs.

Fla., Sebring—De Sota County voted $50,000 road bonds. Address County Clk., Arcade.

Fla., Tampa—City petitioned Street Com., to pave portion Maxwell Ave. R. D. Martin, City Engr.

Miss., Canton—(Official)—Madison County, Madison Dist., receives bids Dec. 5 for 40 mi. earth roads, 18 mi. to be sand-clay surfaced; also concrete culverts and pine bridge. W. J. Kirkpatrick, 704 Farley Bldg., Birmingham, Ala., Engr.

Miss., Lexington—Holmes County Highway Comn. of Dist. No. 2 receiving bids Dec. 8 for about 50 mi. road. Snowden & Hauser, Jackson, Engr. Noted Apr. 27.

La., Abbeville—Vermillion Parish, 7th Rd. Dist., voted to improve roads.

La., Lake Charles—City receiving bids Dec. 14 for paving Miller Ave., Mill, Pine, Moss and other streets, concrete or brick. E. L. Gorham, City Engr. Noted Aug. 17.

La., Natchitoches—Natchitoches County sold $250,000 bonds for portion Jefferson Highway. Address County Clk., Natchitoches. Noted Sept. 7.

La., Shreveport—Caddo County plans voting on $14,000,000 for 3 highways in Caddo Parish. Address County Clk., Shreveport.

Tenn., Clarksville—Montgomery County sold $50,000 road bonds. Address County Clk., Clarksville. Noted Oct. 26.

Tenn., Murfreesboro—Following counties issued bonds for roads: Montgomery, $100,000; Putnam, $200,000; Franklin, $350,000; White, $90,000; Pickett, $30,000; Van Buren, $50,000; Dickson, $230,000; Robertson, $450,000; Humphreys, $250,000; Davidson, $300,000; Lawrence, $350,000; Unicoi, $150,000; Marion, $100,000; Hamilton, $250,000; Bradley, $325,000; Rhea, $250,000; McMinn, $300,000; Monroe, $625,000; Jefferson, $475,000; Greene, $800,000; Fentress, $150,000; Grainger, $200,000; Scott, $200,000; Cumberland, $100,000; Hawkins, $500,000; Roane, $250,000; Knox, $500,000; Hamblen, $375,000; Sullivan, $600,000; Cocke, $400,000; Carter, $400,000; Washington, $50,000; Sevier, $150,000; Claibourne, $365,000; Sequatchie, $50,000; Campbell, $250,000; Union, $150,000; Blount, $600,000; Polk, $300,000; Meigs, $100,000; Anderson, $300,000; Bledsoe, $150,000; Mortan, $250,000; Madison, $500,000; Hardin, $200,000; James, $80,000; Hickman, $200,000. Address County Clk., Murfreesboro.

Ky., Covington—City voted $500,000 street improvement bonds. H. C. Miners, City Engr. Noted Sept. 28.

Ky., Frankfort—Franklin County plans reconstructing pike to Henry County Line. About $30,000. Address County Clk., Franklin.

Ky., Paducah—(Official)—McCracken County will sell $200,000 road and bridge bonds, Dec. 14. J. R. Thompson, Paducah, County Engr.

Ohio, Bellaire—City voted $30,000 bonds for improving roads in York Township.

Ohio, Bexley—(Columbus post office)—Village voted $14,000 street-improvement bonds, and $10,000 sewer bonds. C. A. Miller, Village Clk. Noted Oct. 19.

Ohio, Cambridge—(Official)—City will let contract in March for brick paving. J. M. Dilley, City Engr. Noted Nov. 16.

Ohio, Cincinnati—City made plans for paving Evanston Ave., brick, about $14,697. F. Krug, City Engr.

Ohio, Cincinnati—Hamilton County soon receives bids for improving portion Hamilton Pike, brick, about $164,620. W. H. Boeh, Court House, County Engr.

Ohio, Cincinnati—Council passed ordinance to issue $4,400 bonds for improving Donham Ave. F. Krug, City Engr.

Ohio, Dayton—Montgomery County receives bids about Dec. 10 for paving portion Germantown Pike, concrete or brick. V. Smith, Court House, County Engr.

Ohio, Delaware—Delaware County sold $88,300 road bonds. W. V. Aldrich, Delaware, County Audr. Noted Nov. 9.

Ohio, Diamond—City voted $16,500 road bonds.

Ohio, Elyria—City plans macadam driveways in Cascare Park. C. M. Thebold, City Engr.

Ohio, Lebanon—City making plans for paving portion Mulberry St., brick. About $5,000. W. E. Gustin, City Clk.

Ohio, Lisbon—(Official)—Columbiana County receiving bids Dec. 4 for 6.93 mi. brick and concrete road in Madison Township, about $149,640. H. S. Armstrong, Lisbon, County Highway Supt.

Ohio, Napoleon—Henry and Wood Counties receiving bids Dec. 5 for county line road. Address County Clk., Napoleon.

Ohio, New Boston—City making surveys for grading and paving various streets. Bonds for $28,000 recently sold. G. C. Kinley, 1309 Franklin Ave., Portsmouth, Engr. Noted Aug. 10.

Ohio, Norwalk—Huron County receiving bids Dec. 2 for building inter-county highway, concrete or block; also inter-county highway No. 454, 139, 76, 292 and 63, concrete. C. E. Bloomer, Norwalk, Audr. Noted June 29.

Ohio, Novelty—City voted $14,500 road bonds.

Ohio, Painesville—(Official)—Lake County receiving bids in February or March for 7 mi. brick paving on North Ridge Rd., $75,000; also for 4-mi. brick paving on Lost Nation Rd. G. P. Cummings, County Surv. Noted Nov. 16.

Ohio, Piqua—City receives bids about Dec. 1 for paving portions 1st and 2d St. A. Schroeder, City Engr. Noted Oct. 26.

Ohio, Ravenna—City voted $16,500 road-improvement bonds. W. H. Linton, City Engr.

Ohio, Springfield—City voted $10,000 bonds for improving roads in Lewisbury Township. M. J. Bahin, City Engr.

Ohio, Wauseon—Comrs. Fulton and Henry Counties soon receive bids for 1½ mi. road. C. O. Castle, Fulton, County Engr. Noted July 13.

Ohio, Wilmington—Warren County plans paving streets. Address County Engr., Wilmington.

Ohio, Youngstown—City plans paving portion Oak Hill Ave. F. M. Lillie, City Engr.

Ind., Delphi—Carroll County Comrs. receiving bids Dec. 5 for gravel, concrete or macadam road in Madison Township. H. D. Good, Delphi, Audr.

Ind., English—Crawford County Comrs. receiving bids Dec. 4 for stone road in Sterling Township. J. B. Enlow, English, Audr.

Ind., Greencastle—Putnam County Comrs. receiving bids Dec 4 for gravel roads in Monroe and Madison Township. J. M. Allen, Greencastle, Audr.

Ind., New Albany—Floyd County Comrs. receiving bids Dec. 14 (extension of date) for road in New Albany Township. E. Dupaquier, New Albany, Audr. Noted Nov. 2.

Ind., Rockville—Parke County Comrs. receiving bids Dec. 5 for 5 gravel roads in Adams and Raccoon Township. C. Davis, Rockville, Audr.

Ind., Vincennes—Knox County Comrs. receiving bids Dec. 5 for 7,128-ft. gravel road in Bisseron Township. J. I. Muentzer, Vincennes, Audr.

Ind., Warsaw—Kosciusko County receiving bids Dec. 6 for 2 roads in Van Buren Township. V. D. Mock, Warsaw, Audr.

Mich., Genesee—City voted $1,000,000 road bonds.

Mich., Ironwood—Rd. Comrs. Gagebec County, Bessemer, receiving bids about May 1 for road from Ironwood north to Lake Superior, 6 mi., about $24,000. C. F. Winker, Bessemer, Highway Engr. Noted Nov. 2.

Mich., Marshall—Calhoun County voted $800,000 road bonds. Address County Clk., Marshall. Noted July 13.

Mich., Nashville—(Official)—Village election Dec. 4 to vote on bonds for paving Main St.

Ill., Amboy—Bd. Local Imprts. receiving bids Dec. 19 for curbing, guttering and paving Main St. brick. About $25,000. F. W. Leake, City Engr.

Ill., Berwyn—City making plans for paving portion Riverside Dr., concrete, and Sheldon, Morton, Aurora and Park Ave., macadam, about $42,000. B. S. Strutzenburg, Engr.

Ill., Berwyn—Bd. Local Imprts. receiving bids about Dec. 16 for curbing and paving portions

Streets and Roads (Continued)

Clarence, Kenilworth and Grove Ave., concrete. B. S. Strutzenburg, Engr.

Ill., Cicero—City soon receives bids for paving portion West 16th St., Brick. About $17,279. T. L. Mongrieg, Engr.

Ill., Joliet—Bd. Local Impvts. approved resolution for brick and asphalt paving on portion Marion St. About $28,637. C. D. O'Callahan, City Engr.

Ill., Oak Park—City receives bids about Dec. 1 for paving alley from Lake to Cedar St., brick. W. F. Sargent, Engr. Noted Oct. 19.

Ill., Peoria Heights—Peoria County plans road near Gibson Pathway, between Grand View Dr. and Galena Rd. Address County Clk., Peoria.

Ill., Quincy—Adams County voted $1,800,000 bonds for improving about 283 mi. roads. Noted Mar. 16.

Ill., Riverside—City receiving bids in January for paving portion Forest Ave. C. N. Roberts, 155 North Clark St., Chicago, Engr.

Ill., Sycamore—See item under "Bridges."

Ill., Waukegan—Plans being considered by residents along state line between Illinois and Wisconsin for paved state line road from Mississippi River to Lake Michigan, about 160 mi., asphalt or concrete. J. H. Marseilles, City Clk.

Ill., West Frankfort—Frankfort County making plans for 3 mi. brick roads, Denning Township. A. C. Powell, Benton, Engr.

Wis., Appleton—City plans paving Sherman Pl. A. C. Remley, City Engr.

Wis., New London—City soon receives bids for paving portion Wyman St., concrete. T. R. Alberts, Court House, Green Bay, Engr.

Wis., Stevens Point—City plans paving portion Reserve St., concrete. E. Anthony, City Engr.

Iowa, Des Moines—Council passed resolution to pave portions Corning, Boston and 2d St. and New York Ave. K. Kastberg, City Engr.

Iowa, Maquoketa—Bd. Superv. Jackson County retained C. M. Fisher, Engr., to make plans for grading several roads.

Minn., Ortonville—Bigstone County plans road work in 1917. About $20,000. A. V. Randall, Ortonville, County Audr.

Minn., Wheaton—Traverse County plans to spend $20,000 for roads in 1917. J. T. Erickson, Wheaton, County Audr.

Kan., Erie—Neosho County received no bids for macadamizing roads in Tioga Township. New bids. Address County Clk., Erie.

Kan., Fredonia—Council passed resolutions for paving portions 4th, Adams and Jackson St. R. A. McGregor, City Clk.

Kan., Hutchinson—City plans to pave about 15,000 yd. on 11th St. G. L. McLane, City Engr.

Kan., Larned—City soon lets contract for curbing, paving and guttering about 14 blocks.

Mont., Anaconda—City plans paving 35,000 sq.yd. streets in 1917. W. B. Vestal, Jr., City Engr.

Mo., Fulton—Callaway County plans improving Fulton-Jefferson City Rd. Address County Engr., Fulton.

Mo., Maryville—Nodaway County Court authorizes public road in Jefferson Township. Address County Clk., Maryville.

Mo., St. Joseph—Bd. Pub. Wks. plans grading 4th, 5th, 6th and 7th St. C. P. Hoff, City Engr.

Mo., St. Louis—Bd. Pub. Ser. approved ordinance for widening and paving portion Olive St. About $96,000. E. R. Kinsey, Pres. Bd. Pub. Ser.

Mo., Springfield—City soon receives bids for paving Cherry St., macadam. About $10,000. O. D. Chrisman, City Engr.

Ark., Conway—Faulkner County Comrs. made plans for road from Conway to east line of Faulkner County, through Beryl and Vilona. About $110,371. Address County Clk., Conway.

Tex., Corsicana—Navarro County, Kerens Rd. Dist., voted $150,000 road bonds. Address County Clk., Corsicana. Noted Nov. 2.

Tex., Dallas—City plans paving portion of Neely St. H. Moseley, City Engr.

Tex., Denton—Denton County plans election to vote on $1,000,000 road bonds. Address County Clk., Denton. Noted Nov. 23.

Tex., Dickens—Dickens County Comrs. Precinct No. 4 plans election to vote on $10,000 road bonds. Address County Clk., Dickens.

Tex., Ft. Worth—City plans to pave portion East Terrell Ave., bitulithic. About $46,000. F. J. Von Zuben, City Engr.

Tex., Kountze—Hardin County Dist. No. 1 voted $100,000 road bonds. Address County Clk., Kountze.

Tex., San Antonio—City Comn. receiving bids Dec. 4 for paving portion St. Mary's St. A. C. Pancoast, City Engr.

Tex., Saratoga—Hardin County, Rd. Dist. No. 1, including Saratoga and Batson, voted $100,000 bonds for surfacing roads. Address County Clk., Kountze.

Tex., Wheeler—Comrs. Court, Wheeler County, voted $50,000 bonds for roads. Noted Nov. 2.

Tex., Wichita Falls—Wichita County plans to vote on $700,000 road bonds. Address County Clk., Wichita Falls.

Okla., Ardmore—W. Franklin, B. A. Simpson and others, plan organizing company, with capital stock of $400,000 to construct toll road from Ardmore to 3 oil fields in Carter County.

Okla., Bartlesville—Washington County election Dec. 5 to vote on $600,000 bonds for road improvements. Address County Clk., Bartlesville. Noted Nov. 2.

Okla., Tishomingo—Johnson County defeated $20,000 road bonds. Noted Oct. 5.

Colo., Boulder—Council approved plans for paving streets, concrete. G. R. Joslyn, City Engr.

Colo., Colorado Springs—City made plans for improving curbs and gutters on Nevada Ave. E. F. Mallon, City Engr.

Ariz., Yuma—City making plans for improving highway through Yuma Indian Reservation. About $10,000. L. L. Odle, Supt.

Wash., Blaine—Council passed ordinance for improving Washington Ave. E. E. Pruner, City Clk.

Wash., Hoquiam—Grays Harbor Railway and Light Co. soon receives bids for paving tracks between Riverside Ave. and Monty St.

Wash., Mt. Vernon—City receiving bids Dec. 6 for paving 4th St., N., and Cleveland Ave., 12,920 sq.yd. concrete and 8,730 lin.ft. concrete curb. About $32,000. L. J. Caufield, City Engr. Noted Nov. 16.

Calif., Bakersfield—Kern County receiving bids Dec. 6 for improving 5.75 mi. Bakersfield-Taft Rd., Div. 7, Sect. 3. F. E. Smith, Bakersfield, Clk. Noted June 29.

Calif., Hanford—City plans election to vote on $200,000 bonds for street improvements. E. M. Lynch, Glendale, Engr.

Calif., Huntington Beach—Bd. Superv. Orange County, Santa Ana, receiving bids Dec. 6 for 3 mi. roadway northwest from Huntington Beach. Address Clk., Santa Ana.

Calif., Los Angeles—Council passed resolution to pave several streets and alleys. K. Kastberg, City Engr.

Calif., Oakland—City made plans for improving portion Madison St. P. E. Brown, City Engr.

Calif., Pasadena—City receiving bids Dec. 12 for 48,900 ft. of concrete pavement on Madison Ave. R. B. Orbison, City Engr.

Calif., Redondo Beach—City made plans for concrete highway from Redondo Beach to Torrance. Bids soon. About $33,000.

Calif., San Rafael—Bd. Superv. Marin County receiving bids Dec. 5 for improving Bolinas-San Rafael Highway. About $10,000. R. E. Graham, San Rafael, County Clk. Noted Oct. 26.

Calif., Santa Cruz—Santa Cruz Comrs. making plans for highway system. Address County Clk., Santa Cruz.

Calif., Williams—City plans 400-ft. paving. Address City Clk.

Calif., Woodland—Yolo County plans 110 mi. permanent roads. A. G. Proctor, Woodland, County Surv.

Calif., Yuba City—See item under "Sewers."

Sask., Saskatoon—Council plans to spend about $200,000 for paving next year. C. J. Yorath, Comr.

Bids In and Contracts Awarded

Mass., Boston—City let contract stone sidewalks to CARROLL CONSTRUCTION CO., Brookline.

Mass., Methuen — (Official) — Massachusetts Highway Comn., Boston, received low bids section highway in Methuen from J. Wagenbach & Son, Lawrence, $11,898; Middlesex Construction Co., Medford, $14,067; Perini & Bianchi, Ashland, $14,942. Noted Nov. 16.

N. Y., Albany—(Official)—State Highway Comn. received low bids highways in various counties as follows: Road No. 5636, Schenectady County Line-Guilderland, Albany County, 3.93 mi.—Belmar Contracting Co., Troy, $59,853; Sewage Disposal and Water Plant Co., Schenectady, $61,101. Road No. 1479, Arcade-Farmersville, Part 2, Cattaraugus County, 4.04 mi.—Frank M. Foote, Arcade, $69,579. Road No. 1480, Leon-Wesley, Part 1, Cattaraugus County, 3 mi.—No bids. Road No. 5628, Amenia-Pine Plains, Part 2, Dutchess County, 7.70 mi.—A. T. Moran, New York, $79,270; Kembdt & Washington, Monticello, $79,828; Amos T. Bridges Sons, Inc., Hazardville, Conn., $94,163. Road No. 5634, Evans Center-Farnham, Erie County, 5.29 mi.—No bids. Road No. 5631, Mohawk Village, Columbia and Hammond St., Herkimer County—Newport Construction Co., Herkimer, $41,438; Harry M. Roberts Co., Utica, $41,590; W. Brennan, Herkimer, $41,598. Road No. 1423, Spelgletown-Tomahannock Reser, Rensselaer County, 6.34 mi.—No bids. Road No. 1424, Stonehouse-North Petersburg-Vermont State Line, Rensselaer County, 4.95 mi.—C. W. Tryon, Poland, $69,453. Road No. 1425, Melrose-Schaghticoke Hill, Rensselaer County, 2.97 mi.—John T. O'Neil, Troy, $37,546. Road No. 1478, Fosterbury-Orange County Line, Sullivan County, 4.01 mi.—Jackson Bros., Cuddebackville, $47,808; Edward P. Abogast, Stroudsburg, Penn., $48,157; F. P. Meckes, Long Pond, Penn., $52,505. Road No. 5637, Whitehall-Dresden Center, Part 2, Washington County, 5.77 mi.—Kennedy Construction Co., Monteral, Que., $146,240. Road No. 1341, Weaver St., Westchester County, 0.35 mi.—Smith Bros. Contracting Co., Pelham, $4,679.

N. Y., Buffalo—City let contract paving Soldiers Pl. to GERMAN ROCK ASPHALT CO., Morgan Bldg., $26,920.

N. Y., New York—(Brooklyn)—(Official)—Borough Asphalt Co., 1301 Metropolitan Ave., at $13,544, low bidder improving portion East 34th St.; Cranford Co., 52 9th St., at $5,080, portion West 15th St. Noted Nov. 16.

N. J., Perth Amboy—Bd. Freeholders Atlantic County let contract rebuilding White Horse Pike to LADELL & PFEIFFER, Perth Amboy. About $700,000.

Penn., Coatesville—City let contract 5,450-ft. road around shores Rock Run Reservoir to B. G. COON CONSTRUCTION CO., Luzerne, about $10,974. Noted Nov. 16.

Penn., Philadelphia—City let contract paving, asphalt, portion Chelton Ave., to BARBER ASPHALT PAVING CO., 30th and Race St. About $10,687. Noted Nov. 16.

Penn., Philadelphia—Dept. Pub. Wks. let contracts paving as follows: Portions 10th, 11th and Somerville St., vitrified block, to CUNNINGHAM PAVING AND CONSTRUCTION CO., 1345 Arch St., $14,478; Tacony St., asphalt, EASTERN PAVING CO., 1416 South Penn Sq., $10,372; grading portions Haddinton Ave., 64th, 65th and Jefferson St. to MOSS & TAYLOR, 58th and Girard Ave., $36,511; repaving asphalt and granite blocks portion Passyunk Ave. to E. D. VARE, 1120 Race St., $67,691.

Md., Baltimore—State Rds. Comn., 601 Garrett Bldg., let contract paving portion Bavard St., Contract No. BC-28, to AMERICAN PAVING AND CONTRACTING CO., $127,620; Pennsylvania Ave., Contract No. BC-26, to P. FLANIGAN & SONS, $19,028; Hilton St., $35,526; 1 rein.-con. bridge over Little Elk River along State Rd. at western town limits of Elkton, L. G. DINLERMAN & SON, Walkersville, $14,182. Noted Oct. 26.

Mo., Baltimore—State Rd. Comn., 601 Garrett Bldg., let contract road between Church Creek and Talors Island to HOULT-COUST CO., Denton, about $69,265.

W. Va., Wheeling—City let contract portion Bethany Pike and Holiday's Cove Rd. to C. E. HAMILTON, INC., Franklin, Penn., $162,000 and $60,000 respectively.

Fla., Madison—City let contract 4 mi. sidewalk to PAVING AND CONSTRUCTION CO., Tallahassee.

Ala., Gadsden—Etowah County let contract road from bridge near falls to connect with Little Wills Valley Rd., to J. F. MORGAN & CO., about $10,000.

La., Welsh—Jefferson Davis Parish let contract highway work to J. N. GEORGE & SONS, Shreveport, and HEALY CONSTRUCTION CO., Meridian, Miss. About $300,000.

Ky., Ashland—City let contract improving alleys between Greenup and Winchester St., Winchester and Carter St., Central and Bath St. and Montgomery and Lexington St. to HUNT-FORBES CONSTRUCTION CO., Gaylord Bldg., about $40,000.

Ky., Barbourville—Knox County let contract grading road from Bailey's Switch to Corbin, 15 mi., and 2-mi. macadam road to MASON CONSTRUCTION CO., Emanual, about $36,510.

Ohio, Akron—Summit County let contract improving portion Stow-Tallmadge Rd., Tallmadge Township, to McALONAN BROS., Akron, $48,617. Noted Oct. 19.

Ohio, Akron—Summit County let contract improving portion Sagamore Rd. to J. C. DEVINE CO., Alliance, about $14,929. Noted Nov. 9.

Ohio, Cleveland—Heights—(Warrensville post office)—Village let contract paving portion Compton Rd. and Minor Park Rd. to CLEVELAND-TRINIDAD PAVING CO., 420 Lakeside Ave., Cleveland. Noted Nov. 2.

Ohio, Cleveland Heights—(Warrensville post office)—Village let contract paving portion Lancashire Rd. to CLEVELAND-TRINIDAD PAVING CO., 420 Lakeside Ave., Cleveland. Noted Sept. 21.

Ohio, Cleveland Heights—(Official)—Village let contract paving portion Lamberton Rd. to CLEVELAND-TRINIDAD PAVING CO., 402 Lakeside Ave., Cleveland, about $18,120. Noted Nov. 2.

Ohio, Columbus—City let contract paving portion Miller Ave. to ANDREWS ASPHALT PAVING CO., Hamilton. Noted Aug. 3.

Ohio, Hillsboro—Highland County let contract section Stony Point Rd. to H. P. MORROW and C. W. SCOTT.

Ohio, Warren—Trumbull County let contract improving Sect. "R," Youngstown-Sharon Rd., Brookfield Township, to McDERMOTT & HANNON, Niles, about $21,362.

Ohio, Youngstown—City let contract paving portion Perry St. to E. DIORE, Court and Walnut St. Noted Mar. 30.

Ind., Bloomfield—Town Bd. let contract repairing brick streets to J. R. McGANNON.

Ind., Brownstown—Jackson County let contract C. C. Tindar Rd., Hamilton Township, to KATTMANN & HANCOCK.

Ind., Columbia City—(Official)—Whitley County let contract Cornelius Rd. to E. E. LWHMER &

Streets and Roads (Continued)

CO., North Manchester, about $25,686. Noted Oct. 19.

Ind., Hartford—City—City let contract paving North Jefferson St. to HARTMAN, TOWNSEND & HARTMAN.

Ind., Winchester—Randolph County let contract J. B. Barff and C. B. Spitler Rd. to N. L. BRENT CONSTRUCTION CO., Frankfort, about $41,200 and $31,600, respectively.

Ind., Indianapolis—City let contracts improving streets as follows: Portion Cottage Ave. to H. MAAG; 16th St. to LAWSON & BRUCE.

Ill., Chicago—City let contract sidewalks to SIMPSON CONSTRUCTION CO. Noted Nov. 9.

Ill., Dixon—Lee County let contract macadamizing Rock Island Rd. in Nelson Township to ATKINSON & FISCAL.

Ill., Joliet—City let contract sidewalks portion North Chicago St. to NEWKIRK & FRENCH, Joliet.

Ill., Springfield—State Highway Comn. let contract road work to CAMERON, JOYCE & CO., Keokuk, Henry County, Sect. C, $23,711; J. BROGEN, Eldred, Macoupin County, Sect. G, $7,227.

Iowa, Muscatine—City let contract grading Wyoming Hill to J. G. GRIMM, Wapello, $4,348. Noted Aug. 17.

Kan., Cherryvale—City let contract paving portions East 4th, South Galveston and Walnut Sts. to O'LEARY BROS. Noted Apr. 27.

Ark., Hot Springs—City let contract resurfacing 25,000 sq.yd. on portion Valley and Spring St. and Reserve Ave. to BARBER ASPHALT CO., 30th and Race St., Philadelphia, Penn. About $25,000. Noted June 29.

Tex., Ft. Worth—City let contract grading and paving to TEXAS BITULITHIC CO., Dallas, about $36,500.

Tex., Taylor—City let contract paving to GORE PAVING CO. About $50,000. Noted Nov. 16.

Tex., Texarkana—City let contract paving Dist. No. 20 to BURKE CONSTRUCTION CO., Ft. Smith. About $160,000. Noted June 15.

Okla., Norman—City let contract paving West Comanche St. to STRUBLE & MITCHELL, about $35,000.

Okla., Ringling—City let contract 7 mi. highway in Earl Township to J. THOMPSON, Ringling. Noted June 8.

Okla., Sapulpa—City let contract 11 blocks paving to J. E. NOLAN.

Idaho, Pocatello—City let contract paving Arthur and Main St. to R. M. BARSDEN, Butte, $8,000.

Idaho, Pocatello—City let contract paving streets in Dist. No. 18 to J. J. CARROLL, $29,578.

Ariz., Yuma—City let contract paving various streets to SOUTHERN CALIFORNIA CONSTRUCTION CO., about $37,584. Noted Sept. 7.

Ariz., Yuma—City let contract about 235,000 sq.ft. pavement to O. & C. CONSTRUCTION CO., $1.44 per sq.yd.

Wash., Colfax—Whitman County Comrs. let contract permanent highway No. 10 to G. L. STICKLER. About $6,800. Noted Nov. 9.

Wash., North Yakima—Yakima County let contract bituminous concrete payment on several streets to WASHINGTON PAVING CO., Tacoma, $22,000. Noted Oct. 26.

Wash., Seattle—City received low bid paving Ranier Ave. from G. Argentieri & Co., 989 Rainier Ave., $15,343; 11th Ave., N. E., Washington Paving Co., L. C. Smith Bldg., $28,016; concrete walks, grading and sewers in West 65th St., J. L. Smith, $31,535.

Wash., Spokane—City received low bid improving portion Nevada St. from C. M. Payne, 1511 Sprague St., about $19,599. Noted Nov. 2.

Calif., Delano—City let contract paving several miles streets to L. S. ATKINSON, 917 Investment Bldg., Los Angeles, about $22,565. Noted Nov. 16.

Calif., Los Angeles—City let contract paving portion Maple Ave. to CALIFORNIA-ARIZONA CONSTRUCTION CO., 1700 East Washington St., about $23,634. Noted May 25.

Calif., Los Angeles—City let contract improving portion 12th St. to CALIFORNIA ARIZONA CONSTRUCTION CO., 1700 East Washington St., about $31,934.

Calif., Merced—Merced County let contract Bridge No. 47 to W. H. McELROY, Merced, $5,360. Noted Nov. 9.

Calif., San Diego—City received low bid paving portion 8th St. from CALIFORNIA-ARIZONA CONSTRUCTION CO., 1700 East Washington St., Los Angeles, about $5,827.

Calif., San Francisco—City received low bid for improving Phelan Ave. from Blanchard-Brown Co., 660 Market St., San Francisco.

Calif., San Francisco—City let contract concrete curbs, brick and asphalt paving on Genesee St. to FEDERAL CONSTRUCTION CO., Sharon Bldg., San Francisco.

Calif., San Francisco—City let contract sidewalks on portion of Clement St. to A. O. FIELD, 1465 20th St., San Francisco.

Calif., San Francisco—San Francisco County let contract concrete curbs on portion of Elsie St. to TIBBETTS-PACIFIC CO., 16 California St., $7,982.

Calif., San Francisco—San Francisco County let contract improving portion Mangels Ave. to FEDERAL CONSTRUCTION CO., 323 Sharon Bldg., $6,357.

Calif., San Francisco—City let contract paving 47th St. to O. McHUGH. About $8,048.

Calif., Sonora—Tuolumne County received low bids for highway near Jacksonville from G. Williams, $6,295; W. F. Knoop, $6,450. Address County Clk., Sonora.

Calif., Ventura—Ventura County let contract paving 11 mi. Div. 1, Ventura to Santa Paula Rd. to BRASHEAR-BURNS CO., Los Angeles; $39,349. Noted Nov. 23.

Ont., Mitchell—Council let contract cement sidewalks to E. COTE, St. Gregoire Village, $4,715. Noted Sept. 7.

INDUSTRIAL WORKS

Proposed Work

Maine, Van Buren—Aroostook Pulp Co. recently organized, plans plant for manufacture of sulphate of kraft pulp. About $500,000. E. P. Lindsey, Boston, G. Lewis, Holyoke, Mass., and E. M. Blandin, Bath, interested.

Vt., Rutland—Howe Scale Co. plans 2 additions to plant.

Mass., Gardner—J. P. O'Brien Co. plans additions. S. M. Green Co., Springfield, Arch.

Mass., Gloucester—Ipswich Mills, Ipswich, made plans for factory on Maplewood Ave., Gloucester. Noted Aug. 17.

Mass., Mansfield—New England Drawn Steel Co., purchased site and will erect plant.

Mass., Worcester—Silvertown Cycle Manufacturing Co., incorporated with $500,000 capital stock, plans factory for manufacture of bicycles. J. W. Grady & Co., 68 High St., interested.

Mass., Worcester—Valley Woolen Mills plan 2-story, 50x206-ft., brick addition. Cutting, Carleton & Cutting, Chase Bldg., Arch.

R. I., Hillegrove—Rhode Island Malleable Iron Works will build 1-story, 30x87-ft., brick addition.

R. I., Woonsocket—Gold Mark Knitting Co., Railroad St., will build 3-story, 90x170-ft., rein.-con. addition. T. E. Sharkey, Mgr.

N. Y., Buffalo—General Carbonic Gas Co., 886 Seneca St., granted permit for addition to factory. About $10,000. Noted Mar. 16.

N. Y., Dunkirk—Dunkirk Ice and Fuel Co. plans new plant.

N. Y., Fredonia—Giola, Bellanca & Co. making plans for 4-story, 60x100-ft. brick and concrete addition to plant. H. P. Beebe, Arch.

N. Y., New York—(Brooklyn)—(Official)—Shampan & Shampan, 772 Broadway, receiving bids for 1-story, 40x100-ft. brick factory on Scholes St. for A. Luskin, 18 West 26th St., Manhattan. About $30,000.

N. Y., New York—(Brooklyn)—(Official)—Shampan & Shampan, 772 Broadway, receiving bids for 1-story, 90x100-ft. factory at Gardner Ave. and Ingraham St. for W. B. Corporation, 11 McKibbin St. About $48,000.

N. Y., New York—(Brooklyn)—(Official)—D. Reynolds, 101 Fulton St., Manhattan, receiving bids for 2-story, 100x185-ft. rein.-con. factory, Huntington and Smith St. About $120,000. E. Greene, 5 Beekman St., Manhattan, Arch.

N. Y., New York—(Manhattan)—(Official)—J. J. Gillen, 431 West 14th St., receiving bids for 2-story, 98.4x100-ft. brick garage, 412-18 West 15th St. About $45,000. J. S. Maher, 431 West 14th St., Arch.

N. Y., Oswego—State plans temporary warehouse at canal terminal.

N. J., Camden—Victor Talking Machine Co. made plans for 1-story, 77x650-ft. About $200,000. Ballinger & Perrott, 17th and Arch St., Philadelphia, Arch.

N. J., Newark—Fiedler Corporation plans 1-story brick garage at 524-26 Broad St. About $20,000.

N. J., Newark—Marden, Orth & Hastings Co., Plank Rd. and Ave. R, plans 2-story, 70x80-ft. ice plant and storehouse. About $20,000.

N. J., Newark—Standard Oil Co. of New Jersey granted permit for 2-story garage at 94-96½ Ogden St. About $60,000.

N. J., Trenton—Electric Porcelain Manufacturing Co., Monmouth Ave., has taken over building occupied by Climax Pottery Co., New York Ave. Company making plans for 150x127-ft. addition. About $70,000.

Penn., Carrick—(Pittsburgh post office)—Pittsburgh Railway Co. granted permit for car barn at Brownsville and Woodlawn Ave. F. Uhlenhart, Jr., 435 6th Ave., Pittsburgh, Ch. Engr. Noted Jan. 13.

Penn., Franklin—Eclipse Oil Works plans nine 1,000-bbl. stills.

Penn., Franklin—Franklin Foundry Co. plans new addition. About $10,000.

Penn., Lancaster—J. J. Miller making plans for garage and office building 3-story, 86x90-ft., rein.-con. and brick. About $35,000. M. R. Evans, Lancaster, Arch.

Penn., Marietta—Gillaud Laboratories plans factory.

Penn., New Castle—United States Steel Corporation plans new tin mill. About $500,000.

Penn., Philadelphia—(Bridesburg)—Abrasive Material Co. made plans for 3-story crushing plant. Stearns & Castor, Arch.

Penn., Philadelphia—S. Greene, 16th and Arch St., making plans for 7-story, brick, terra-cotta and limestone addition. About $25,000. Stearns & Caster, Stephen Girard Bldg., Philadelphia, Arch.

Penn., Philadelphia—E. Lutz making plans for 1-story, 120x200-ft. factory at 72d St. and Woodland Ave. About $12,000.

Penn., Philadelphia—Security Storage Co., 1000 Diamond St., plans 5-story, 40x134-ft. brick and concrete warehouse at 16th and Norris St. About $25,000.

Penn., Philadelphia—Supplee Alderney Dairy Co., 1118 Jefferson St., plans 3-story, 82x82-ft. addition to plant at 3333-37 Ludlow St. About $35,000. C. H. Casper, 48 North 15th St., Engr.

Penn., Philadelphia—Windsor Chocolate Co. purchased plant of Ebert Furniture Co., 6th and Moore St., also new site at Moore and Pierce St. for 4-story, 80x116-ft. rein.-con. factory.

Penn., Philadelphia—Yocum Bros. soon receives bids for 2-story, 41x101-ft. brick factory at Willow and 5th St. About $10,000. G. L. Gerhard & Son, Arch.

Penn., Pittsburgh—Lange Motor Truck Co., 145 South St. Clair St., granted permit for 2-story brick building on Hamilton Ave. About $40,000.

Penn., Pittsburgh—Pittsburgh & Lake Erie R.R. granted permit for 1-story warehouse on West Carson St. About $12,500. J. A. Atwood, Terminal Bldg., Pittsburgh, Ch. Engr.

Penn., Red Lion—Ebert Furniture Co. will remove business from Philadelphia to Red Lion where large factory will be built. About $150,000.

Penn., Titusville—Cyclops Steel Works, East Spring St., soon receives bids for additions to plant. Day & Zimmerman, 611 Chestnut St., Philadelphia, Arch.

Penn., Tower City—Bestok Underwear Co., Inc., plans to enlarge plant.

Del., Wilmington—W. Freihofer Baking Co., 20th and Indiana St., Philadelphia, made plans for 4-story addition to bakery at Pennsylvania Ave. and Lincoln St. Peuckert & Wunder, 310 Chestnut St., Philadelphia, Arch. and Engr.

Md., Baltimore—Auto Outing Co. plans 3-story salesroom and garage at 1803-7 north Charles St. About $110,000.

Md., Baltimore—L. Gordon & Son, 228 North Front St., plans 4-story, 32x160-ft. box factory. L. Levi, 1408 Munsey Bldg., Philadelphia, Arch.

Md., Sparrows Point—Aluminum Co. of America plans plant near Sparrows Point. About $8,000,000.

Va., Richmond—Dixie Paper and Pulp Mills plans plant. About $50,000. R. H. Smith, Pres. Planters' National Bank, interested.

W. Va., Charleston—(Official)—E. C. Klipstein receiving bids Dec. 4 for 20-ton refrigerating plant. C. H. Higgins, 30 Church St., New York, Arch.

W. Va., Huntingdon—Huntingdon Clay Products Co., recently organized with $100,000 capital stock, plans tile plant.

N. C., Gastonia—Holland Manufacturing Co. plans enlarging plant.

N. C., Winnsboro—Winnsboro Mills, recently organized to take over Fairfield Mill of Hampton Cotton Mills, plans addition.

Fla., Jacksonville—Florence Citrus Juice and Syrup Co., Lakeland, plans plant at Jacksonville. About $500,000. H. E. Pritchett, interested.

Fla., Jacksonville—Wilson & Co., Chicago, plan branch packing plant on West Bay St.

Fla., Sarasota—G. L. Roberts plans to enlarge shipyards. About $75,000.

Ala., New Decatur—Louisville & Nashville R.R. plans new shops at New Decatur. W. H. Courtnay, Louisville, Ch. Engr.

Ky., South Louisville—(Louisville post office)—Louisville & Nashville R.R. plans new shops at South Louisville. W. H. Courtnay, Louisville, Ch. Engr.

Ohio, Bettsville—Kennedy Refractories Co., Bainbridge, Penn. plans new plant at Bettsville.

Ohio, Bryan—Bryan Pattern and Machine Co. plans factory on Enterprise St. About $25,000. A. S. Culver, Mgr.

Ohio, Cincinnati—(Hyde Park)—City Ice Delivery Co., Race and Canal St., soon receives bids for storage plant, Wasson Rd. and Sunset Ave., Hyde Park. B. T. Wisenall, 617 First National Bank Bldg., Arch.

Ohio, Cincinnati—United States Machine Tool Co., 6th St. and Mt. Hope Rd., plans plant off 6th St. east of Burns St.

Ohio, Cleveland—Acme Box and Lumber Co., 3471 East 49th St., made plans for addition. About $10,000.

Ohio, Cleveland—American Automatic Connector Co., Engrs. Bldg., recently organized with $500,000 capital stock, plans factory. A. L. Moore, Pres.

Ohio, Cleveland—Cleveland Macaroni Co. plans new plant, Wentworth and Shaw Ave. About $250,000.

Ohio, Cleveland—Commercial Motors Co., Leader-News Bldg., plans new plant.

Ohio, Cleveland—Davis Laundry and Cleaning Co., East 66th St., purchased site for addition.

Industrial Works (Continued)

Ohio, Cleveland—Euclid-Doan Co., Euclid and East 105th St., made plans for ice factory. About $50,000. Allen Osborne Co., 957 Osborne Bldg., Arch.

Ohio, Cleveland—Hudson-Stuyvesant Motor Co., 2010 Euclid Ave., granted permit for 5-story addition. About $70,000. Noted Oct. 19.

Ohio, Cleveland—I. Leisy Brewing Co., Vega Ave., made plans for 1-story, 120x172-ft. concrete refrigerating and storage plant at Fulton and Vega Ave. About $85,000.

Ohio, Cleveland—National Tool Co., 1950 West 112th St., granted permit for addition. About $40,000.

Ohio, Cleveland—Scripps Publishing Co., 209 Press Bldg., plans addition to plant on Rockwell St.

Ohio, Cleveland—Standard Oil Co. purchased 6 acres in Colt Rd. for new tank station.

Ohio, Cleveland—U. S. Molding Machine Co., 968 East 69th Pl., increased capital stock from $10,000 to $60,000 and will enlarge plant.

Ohio, Cleveland—J. W. Vanderwerf, 7420 Carnegie Ave., granted permit for 2-story, 44x120-ft., brick factory, at 1738 East 23rd St. About $9,000.

Ohio, Defiance—Standard Oil Co. made plans for plant, 2811 Broadway. About $175,000.

Ohio, Findlay—Findlay Carriage Co. plans to rebuild plant destroyed by fire.

Ohio, Marietta—Marietta Mantel Co., Fort and Wood St., plans factory.

Ohio, Oakharbor—J. Weller Co., Cincinnati, plans to rebuild factory destroyed by fire.

Ohio, Sandusky—Continental Rubber Co., made plans 2-story, 50x300-ft. factory. About $50,000. H. G. Millett, Bliss Bldg., Arch.

Ind., Indianapolis—Swartz Electric Co., opposite Speedway, plans addition. About $20,000.

Ind., Portland—Sheller Wood Rim Manufacturing Co. organized with $25,000 capital to manufacture single-piece wooden rim automobile steering wheels, making plans for plant. A. Sheller and A. F. Blowers interested.

Mich., Detroit—Buhl Stamping Co., 204 Larned St., making plans for plant on east side Scotten Ave. Smith, Hinchman & Grylls, Arch.

Mich., Detroit—Buhl Sons & Co., Wight and Adair St., plans large warehouse.

Mich., Detroit—Cadillac Motor Co., 1343 Cass Ave., plans plant on Scotten Ave. About $750,000.

Mich., Detroit—Dodge Bros., Joseph and Campau Ave., granted permit for addition. About $200,000. Noted June 15.

Mich., Detroit—Michigan Bolt and Nut Works, foot Meldrum Ave., plans 2-story reln.-con. factory at 396-406 Wight St. About $38,550.

Mich., Grand Haven—Keller Pneumatic Tool Co. making plans for new factory. F. P. Allen & Son, Arch. Noted Sept. 28.

Mich., Grand Rapids—Clemens & Gingrich, manufacturer of Blizzard ensilage cutter, plans plant, Homestead Ave. and Cherry St.

Mich., Grand Rapids—Clipper Belt Lacer Co. making plans for 2-story, 65x100-ft. addition to factory on Front Ave. Robinson & Campau, Arch.

Mich., Grand Rapids—Rhodes Manufacturing Co., Bickley St. and Division Ave., making plans for addition. W. G. MacDonald, Arch.

Mich., Petoskey—Wheat Paper Co. plans to rebuild mill recently destroyed by fire.

Ill., Chicago—Central Manufacturing Dist. plans 80 factory buildings, 39th St. between Ashland and Western Ave.

Ill., Chicago—N. C. Farr, 140 South Dearborn St., making plans for factory, 103d St. and Torrence Ave. About $30,000. L. C. Hallberg, 19 South La Salle St., Arch.

Ill., Peoria—Holt Manufacturing Co. plans addition to plant. About $250,000.

Wis., West Allis—Davis Manufacturing Co. making plans for addition to plant.

Minn., Minneapolis—Northrup, King & Co., 26 Hennepin Ave., granted permit for warehouse and cleaning house at 1500-34 Jackson St. About $225,000. Noted Mar. 16.

Minn., St. Paul—Joy Bros. Motor Car Co., 173 East 6th St., purchased site on east side Pleasant Ave. for garage. About $75,000.

Minn., St. Paul—H. Koppers Co., Pittsburgh, Penn., applied for permit for service station and machine shop on east side Hamline Ave. between tracks Great Northern and Northern Pacific Ry. About $17,000. Noted June 22.

Minn., St. Paul—St. Paul & Minneapolis Lumber Co. plans rail and river terminal on upper levee in vicinity bounded by Webster, Oneida, Warsaw and St. Clair St. About $3,000,000. G. R. Nimmons, 310 Northwestern Bank Bldg., Minneapolis, interested.

Minn., St. Paul—M. Zimmerman plans light manufacturing building. Thomas and Aldine St., Midway Dist. About $50,000.

Mo., Kansas City—Ames Farm Dairy, 31st and Gillham Rd., rejected bids for dairy building. New bids. Shepard Farrar & Wiser, 1202 Long Bldg., Arch. Noted Oct. 12.

Mo., St. Louis—Boyd-Welsh Shoe Co., Page and Newstead Ave., made plans for large plant at Newstead and Cook Ave. A. B. Groves, Arch.

Tex., Amarillo—Chicago, Rock Island & Pacific R.R., will build 10-stall roundhouse. C. A. Morse, La Salle St. Station, Chicago, Ch. Engr.

Tex., El Paso—El Paso Sash and Door Co. plans new mill. About $100,000.

Tex., Galveston—Petroleum Refining Corporation plans plant. About $1,500,000.

Colo., Denver—Armour & Co. plans addition to plant. About $500,000.

Colo., Denver—Denver Union Stock Yards Co. plans to improve and enlarge plant. About $250,000.

Ore., Albina—(Portland post office)—Albina Machine Works plans shipbuilding plant on Columbia River.

Ore., Florence—W. Brynd, Florence, interested in project to build shipbuilding plant. About $100,000.

Ore., Oregon City—Crown Willamette Pulp and Paper Co. plans additions to plant in spring.

Ore., Oregon City—Oregon City Woolen Mills plans addition next spring. About $100,000.

Ore., Portland—Northwest Steel Co. plans rolling mill. About $1,000,000. J. W. Bowles, Pres.

Calif., Emeryville—Inlaid Floor Co., 600 Alabama Ave., San Francisco, plans 1-story factory. About $12,845.

Calif., Emeryville—Sedan Calcined Magnesite Co. making plans for 1-story factory. About $50,000.

Calif., Los Angeles—Union Oil Co. plans refinery on Los Angeles Harbor. About $2,500,000.

Calif., Modesto—Southern California Canning Co. of Ontario plans canning factory and can manufacturing plant at Modesto. About $300,000. A. C. Harvey, Pres.

Calif., Watts—Pacific Electric Ry., Pacific Electric Bldg., Los Angeles, plans new car barns at Watts. G. E. Pillsbury, Los Angeles, Ch. Engr.

Bids In and Contracts Awarded

N. H., Manchester—McLane & Taylor, Amoskeag Bank Bldg., let contract warehouse at 606 Willow St. to F. P. BAILEY, 313 Amoskeag Bank Bldg. About $15,000.

Mass., Boston—(South Boston)—American Sugar Refining Co., 131 State St., Boston, to build 4-story, 80x260-ft. refinery in Granite St. by day labor.

Mass., Boston—Revere Sugar Refining Co. let contract for 6 buildings on Mystic River to H. P. CONVERSE CO., 88 Broad St.

Mass., Cambridge—Harvard Square Garage Co. let contract addition and alteration to garage at Mt. Auburn and Dunster St. to I. F. WOODBURY SONS CO., 185 Summer St., Boston. About $50,000.

Mass., Everett—General Electric Co. let contract pattern shop to I. B. WOODBURY SONS CO., 185 Summer St., Boston. About $50,000. Noted Nov. 16.

Mass., Malden—H. Carmichael let contract 3-story, 40x100-ft., brick factory on Center St. to A. W. McLEAN, 195 Medford St., Boston. About $20,000.

Mass., New Bedford—Butler Mill, Ruth Ave., let contract 190x237-ft. addition to weave shed to TURNER CONSTRUCTION CO., 11 Broadway, New York.

Mass., Hudson—Universal Boring Machine Co. let contract addition to factory to T. P. HURLEY, Marlboro.

Mass., Worcester—B. Handleman let contract garage Portland and Salem St. to G. A. FULLER CO., Worcester. About $75,000. Noted July 13.

R. I., Providence—General Electric Co., Hospital St., let contract plant to W. WILLIAMS, Providence. Noted Sept. 21.

Conn., Bridgeport—Electric Cable Co. let contract enlarging and improving plant on Crescent Ave. to T. J. PARDY CONSTRUCTION CO., Bridgeport, about $36,000. Noted June 8.

N. Y., Albany—Eastern Tablet Co. let contract addition to factory to E. A. HIDE, Albany. About $30,000. Noted Apr. 6.

N. Y., Albany—A. Mendelson's Sons, 12 Broadway, let contract 4-story, 129x178-ft. factory to TURNER CONSTRUCTION CO., 11 Broadway. About $80,000. Noted Oct. 5.

N. Y., New York—(Brooklyn)—American Manufacturing Co., 60 2d Ave., let contract 3-story, 100x100-ft. factory, West and Noble St., to TURNER CONSTRUCTION CO., 11 Broadway, New York.

N. Y., North Tonawanda—Herschell-Spillman Co. let contract addition to plant on Sweeney St. to DUROLITHIC CO., North Tonawanda. About $65,000. Noted Oct. 26.

N. Y., Poughkeepsie—Duchess Manufacturing Co. let contract building to KINGSTON & CAMPBELL, 1 Washington St. About $25,000.

N. Y., Rotterdam—Junction—Boston & Maine R.R. let contract roundhouse to H. WALES LINES CO., Meriden, Conn.

N. J., Newark—A. Hollander & Sons, 143 East Kinney St., let contract factory at Ave. D and Emmet St. to P. PELLECCHIA, 21 Mt. Prospect Ave. About $16,000.

N. J., Vineland—New Jersey Home for Feebleminded received low bid for laundry from E. Fay & Sons, 2 South Mole St., Philadelphia, $25,000.

Penn., Harrisburg—Hershey Creamery Co. let contract addition to J. W. POMRANING, $50,000.

Penn., Lebanon—Columbus Chain Co. let contract addition to plant at West End rolling mills, Cumberland St. and Cornwall R.R. to G. MEASE, Reading.

Penn., Milton—American Car and Foundry Co. let contract additions to plant to SAUERS & MOORE. About $100,000.

Penn., Philadelphia—American Ice Co., 6th and Arch St., let contract addition to plant, Washington and Darien St., to MONAGHAN & LOSSE, 214 South 12th St.

Penn., Reading—Dundore Manufacturing Co. let contract 1-story factory, west side Orange St. between Spruce and Bingamon St., to G. A. KOCH, about $15,000.

Penn., Richland—Curtis & Jones Co., Reading, let contract factory to A. J. FINK, 658 Penn St., Reading. About $40,000. Noted May 18.

Penn., Williamsport—Armour & Co. let contract enlarging J. K. Mosser tannery to WESTINGHOUSE, CHURCH, KERR & CO., 37 Wall St., New York. About $60,000. Noted Aug. 3.

Del., Seaford—Greenbaum Bros. let contract 100x160-ft. addition to canning plant to L. P. COLBOURN, Salisbury.

Md., Baltimore—Boston Iron and Metal Co. let contract 1-story factory, Tremont and Pratt St. to PRICE CONCRETE CONSTRUCTION CO., 225 St. Paul St.

Md., Sparrows Point—Bethlehem Steel Co. let contract improvements and extensions to plant to DRAVO CONTRACTING CO., Diamond Bank Bldg., Pittsburgh. About $2,000,000.

Va., Winchester—Virginia Woolen Co. to build 118x150-ft. addition by day labor.

W. Va., Charleston—(Official)—E. C. Klipstein & Son let contract for 4-story, 58x120-ft., reln.-con. chemical plant to W. L. CROW CONSTRUCTION CO., 103 Park Ave., New York. Noted Nov. 23.

Ga., Atlanta—Lowenstein Investment Co. let contract 30x450-ft. addition to plant to S. AUSTIN & SONS, 14230 Euclid Ave., Cleveland.

Ohio, Alliance—Morgan Engineering Co. let contract 80x450-ft. addition to plant to S. AUSTIN & SONS, 14230 Euclid Ave., Cleveland.

Ohio, Cleveland—Swift & Co. let contract storage building, 80x250-ft., on 65th St., to W. MOORE & CO., 1278 West 4th St.

Ohio, Toledo—Toledo Ice and Coal Co., 1019-1107 Nevada St., let contract factory and storage house to A. BENTLEY & SONS CO., 201 Belmont Ave., about $51,895. Noted Mar. 2.

Ohio, Warren—Trumbull Mazda Lamp Works of General Electric Co. let contract addition to plant on West Market St. to HELLER BROS. CONSTRUCTION CO., Youngstown, about $75,000. Noted Nov. 9.

Ohio, Warren—Trumbull Manufacturing Co. let contract openhearth building to A. McLAUGHLIN & CO., First National Bank Bldg., Pittsburgh. Noted Sept. 28.

Ohio, Youngstown—Youngstown Sheet and Tube Co. let contract additions to plant to McCLINTIC-MARSHALL CONSTRUCTION CO., Oliver Bldg., Pittsburgh, about $4,000,000. Noted Nov. 16.

Mich., Detroit—Michigan Parfay Co., Kresge Bldg., let contract 2-story factory, Forest Ave. and Orleans St., to W. S. POCOCK, 515 Hammond Bldg.

Mich., Detroit—Packard Motor Co., North Grand Blvd. and Detroit Terminal R.R., let contract addition to factories Nos. 27 and 28 to BRYANT & DETWILER CO., 2335 Dime Bank Bldg. Noted Sept. 28.

Mich., Grand Rapids—Overland Auto Co. let contract 3-story garage at Washington and State St. to HAUSER-OWEN-AMES CO. About $65,000.

Mich., Holland—Western Tool Works let contract addition to M. OUDEMOOL. Noted Nov. 16.

Mich., Menominee—Holland Piano Manufacturing Co. let contract 3-story addition to J. A. SCHAFRE.

Ill., Chicago—Ajax Foeye Co., 2499 Blue Island Ave., let contract 1-story brick factory at 2525-43 South Hayne St. to J. R. SCHUTZNER, Chicago. About $25,000.

Ill., Chicago—W. H. Barry, 6810 Lakewood Ave., let contract 1-story factory to REIDENOUER & ERIKSON, 535 East 47th St., about $35,000.

Ill., Chicago—Crane Co., 4100 Kedzie Ave., let contract 2-story brick machine shop to LANQUIST & ILLSLEY CO., 1100 North Clark St. About $65,000.

Ill., Chicago—Lincoln Ave. Products Co., 42d St., let contract factory at 2633-43 Wall St., to W. SPROUL CO., 1120 West 35th St., about $75,000.

Ill., Chicago—F. Mesce, 322 Harris Bldg., let contract garage to D. MAGNUSON & SON, about $20,000.

Ill., Chicago—Sherwin-Williams Co., 115th and Kensington St., let contract 2-story factory at 504-56 Kensington St. to S. SOLLETT CO., 79 East Adams St. About $14,000.

Wis., Milwaukee—E. R. Godfrey & Sons Co., Jackson St., let contract 4-story warehouse to E. STEIGERWALD, 3607 Vliet St.

Mo., St. Joseph—Larabee Flour Mills Association, Wichita, Kan., let contract mill to ALLIS-CHALMERS CO., West Allis. About $750,000. Noted Nov. 9.

Industrial Works (Continued)

Mo., St. Louis—Wagner Electric Manufacturing Co., 6400 Plymouth Ave., let contract 5-story addition to W. M. SUTHERLAND BUILDING AND CONSTRUCTION CO., 4th and Washington Ave. Noted Feb. 17.

Tex., San Antonio—Gotham Film Corp., 1457 Broadway, New York, let contract for film manufacturing plant to J. P. McDONALD, Austin. About $350,000. Noted Nov. 9.

Utah, Moroni—G. E. Browning let contract sugar factory to J. STEWART & CO., 110 South La Salle St., Chicago.

Wash., North Yakima—J. M. Perry & Co. let contract addition to cold-storage plant to H. C. NEAD. About $50,000. Noted Nov. 23.

Calif., Los Angeles—H. W. O'Melveny let contract garage, 12th and Figueroa St., to MILWAUKEE BUILDING SUPPLY CO., 1006 Pabst Bldg., Milwaukee, about $29,921.

FEDERAL GOVERNMENT WORK

Proposed Work

N. H., Laconia—Building—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., receiving bids Dec. 27.

N. Y., New York—Buckets—Bureau of Supplies and Accounts, Navy Dept., Washington, soon receives bids for furnishing at Navy Yard, Brooklyn, under Schedule 443, 9,500 galvanized-steel buckets.

N. Y., New York—Chain—Bureau of Supplies and Accounts, Navy Dept., Washington, soon receives bids for furnishing under Schedule 444 at Navy Yard, Brooklyn, 12,000 lb. black iron chain and 3,500-ft. coil w.-i. galvanized chain.

N. Y., New York—Shovels—Bureau of Supplies and Accounts, Navy Dept., Washington, soon receives bids for furnishing under Schedule 446 at Navy Yard, Brooklyn, 1,902 scoop shovels.

N. Y., New York—Timber Groins and Sea Wall—U. S. Engr. Office, 802 Army Bldg., New York, receiving bids Dec. 1, near southern boundary of Sandy Hook Reservation, N. J.

Penn., Philadelphia—Pump—U. S. Marine Corps, Quartermaster's Dept., Philadelphia, receiving bids Dec. 6.

D. C., Washington—Rope—Bids will soon be received by Bureau of Supplies and Accounts, Navy Dept., Washington, for furnishing under Schedule 434, f.o.b. works, 208,725 lb. steel wire rope.

Va., Norfolk—Asphalt—Bureau of Supplies and Accounts, Navy Dept., Washington, soon receives bids for furnishing at Navy Yard, Norfolk, under Schedule 423, 125,000 lb. paving asphalt, 160,000 lb. Trinidad asphalt and 70,000 lb. Val de Travers asphalt.

W. Va., Wheeling—Forgings, Etc.—U. S. Engr. Office, Wheeling, W. Va., receiving bids Dec. 8 for horses, props, etc., for Dams Nos. 21 and 22, Ohio River.

Miss., Gulfport—Lighting Plant and Windlass—Commanding Officer, Coast and Geodetic Survey, Gulfport, receiving bids Dec. 2, on U. S. Coast and Geodetic Survey Steamer "Hydrographer."

La., New Orleans—Post Office—Bids received Nov. 17 for remodeling post office from Hanna & Mitchell, New Orleans, $284,402; J. G. Unkefer & Co., Minerva, $289,704; W. H. Maxwell, Lakeside, Wash., $309,000.

Ill., Mt. Carmel—Custodian Office, U. S. Public Building, Laconia, receiving bids Dec. 6.

Ill., Rock Island—Building—Commanding Officer, Rock Island Arsenal, receiving bids Dec. 16 for stone-faced addition to barrack building.

Okla., Oklahoma—Building—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., receiving bids Dec. 27.

Colo., Denver—Gates and Stands—U. S. Reclamation Service, Washington, D. C., receiving bids Dec. 20 for Rio Grande Project, New Mexico-Texas.

Ariz., Yuma—Stone Work—U. S. Engr. Office, Los Angeles, Calif., receiving bids Dec. 15, for riveting with stone, levee at Yuma.

Wash., Puget Sound—Transmission Line—Bureau Yards and Docks, Navy Dept., Washington, D. C., receiving bids Dec. 18. Noted Nov. 16.

Calif., Bakersfield—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., receiving bids Dec. 22. (See adv.)

Calif., Vallejo—Cranes—Bureau of Yards and Docks, Navy Dept., Washington, D. C., receiving bids Dec. 3 for 2 fitting-out cranes, at Navy Yard, Mare Island, Calif.

Calif., Vallejo—Spikes—Bureau of Supplies and Accounts, Navy Dept., Washington, soon receives bids for furnishing, under Schedule 449, at Mare Island Navy Yard, 7,500 lb. railroad spikes.

Panama—Miscellaneous Supplies—E. I. Brown, Gen. Pur. Officer, Panama Canal, Washington, D. C., receiving bids Dec. 15.

Panama—Sewer Pipe—E. I. Brown, Gen. Pur. Officer, Panama Canal, Washington, D. C., receiving bids Dec. 4 for delivering at Colan 2,500 lin.ft. 30-in. vitrified and 2,500 ft. 36-in.

Bids In and Contracts Awarded

Mass., Boston—Extending Shipbuilding Ways—Bureau of Yards and Docks, Navy Dept., Washington, D. C., let contract to RANDLE-STODDARD, 33 Border St., East Boston, $6,883. Noted Oct. 26.

Mass., Gloucester—Retaining Basin—Comrs. Fisheries, Dept. Commerce, Washington, D. C., rejected bids. Noted Oct. 19.

Conn., Rockville—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., received low bids Nov. 20, (a) limestone, (b) sandstone, from Westchester Engineering Co., White Plains, N. Y., (a) $45,913, (b) $47,000; Algernon Blair, Montgomery, Ala., (a) $46,271; E. T. Abbott Construction Co., 1133 Broadway, New York, (a) $46,856, (b) $47,900. Noted Oct. 12.

N. Y., New York—Paving—Bureau of Yards and Docks, Navy Dept., Washington, D. C., received low bids Nov. 20, wood-block paving at Navy Yard, New York, from Franklin Contracting Co., 52 Vanderbilt Ave., New York, $2.38 per sq.yd.; Richard Lamb, 90 West St., New York, $2.38 per sq.yd. Noted Nov. 16.

Penn., Media—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., rejected bids. Noted Nov. 23.

Penn., Philadelphia—Towers—Bureau of Yards and Docks, Navy Dept., Washington, D. C., let contract 300-ft. steel towers at Navy Yard, Philadelphia, to PITTSBURGH-DES MOINES STEEL CO., Curry Bldg., Pittsburgh, $29,693. Noted Nov. 9.

Penn., Philadelphia—Ventilating System—F. R. Harris, Ch. Bureau of Yards and Docks, Navy Dept., Washington, D. C., in Buildings Nos. 17, 25 and 26, Navy Yard, Philadelphia, received low bids (a) ventilating systems installed complete, (b) do., except in foundry building No. 17, 1 blower having capacity of 36,000 cu.ft. per min. shall be installed and air duct system extended across building, from Thompson Bros., 123 North 5th St., Philadelphia, (a) $7,770; W. English & Co., 259 North Lawrence St., Philadelphia, (a) $6,515, (b) $5,800. Noted Nov. 9.

D. C., Washington—Sewers—Dist. Comrs., Washington, received low bids 1, ordinary excavation, 2, concrete masonry, 3, vitrified masonry, 4, sewer brick masonry, from (a) W. F. Brenizer Co., Washington, (b) George Hyman, Washington, (c) L. M. Johnston, Arlington, Va., Pennsylvania Ave., S. E., 7,500 cu.yd.: (a-1), 85c., (b-1), 90c., (c-1), 87c.; 700 cu.yd., (a-2) $6.60, (b-2), $7, (c-2) $7.15; 60 cu.yd., (a-3) $21, (b-3) $20, (c-3) $21; 20 cu.yd., all $14; portion Mt. Pleasant Trunk Sewer, 12,500 cu.yd., (a-1) $1, (b-) $1.25, (c-1) 95c.; 1,075 cu.yd., (a-2) $7, (b-2) $8, (c-2) $7.25; 110 cu.yd., (a-3) $21, (b-3) $20, (c-3) $22; 50 cu.yd., (a-4) $15, (b-4) $15, (c-4) $14; portion 14th St. Trunk Sewer, 4,000 cu.yd., (a-1) $1 40, (b-1) $2, (c-1) $1.35; 450 cu.yd., (b-2) $8, (c-2) $7.80; 40 cu.yd., (a-3) $21, (b-2) $25, (c-2) $22.50; 15 cu.yd., all $15; concrete invert, Old Tiber Sewer, 1,300 cu.yd., (a-2) $7.75, (c-2) $8.55. Noted Nov. 16.

Va., Franklin—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., received low bids Nov. 22 (a) limestone, (b) sandstone, from W. H. Fissell & Co., Marbridge Bldg., New York, (a) $45,690, (b) $47,390; R. V. Richardson, Hampton, (a) $37,740, (b) $38,940; Algernon Blair, Montgomery, Ala., (a) $41,778. Noted Oct. 19.

Va., Wheeling—Lock Gates—U. S. Engr. Office, Wheeling, let contract, at Dam No. 22, Ohio River, to WHITEHEAD & KALES IRON WORKS, Detroit Mich., $4,500. Noted Oct. 12.

W. Va., Wheeling—Lock Gates—U. S. Engr. Office, Wheeling, let contract, at Dam No. 24, Ohio River, to PENN BRIDGE CO., Beaver Falls, Penn., $52,440. Noted Oct. 5.

Fla., Key West—Radio Buildings—H. R. Harris, Ch. Bureau of Yards and Docks, Navy Dept., Washington, let contract to NEWPORT ENGINEERING AND CONTRACTING CO., Newport News, Va., $19,736. Noted Nov. 9.

Ala., Ft. Morgan—Wharf—Quartermaster received bids Nov. 17, (a) construction of wharf, (b) ramp, per M ft. timber, from G. M. Gadsden, Savannah, Ga., (a) $14,847, (b) $50; Jett-Muths Construction Co., Mobile, (a) $17,208, (b) $48; A. E. Massey, New Orleans, La., (a) $19,450, (b) $90.

La., New Orleans—Vaults—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., received low bids Nov. 20, in Custom House, from Diebolt Safe and Lock Co., Canton, Ohio, $38,771; York Safe and Lock Co., York, Penn., $28,818.

Tex., Point Isabel—Artesian Well and Accessories—F. R. Harris, Ch. Bureau of Yards and Docks, Navy Dept., Washington, D. C., received low bids Nov. 20, at Naval Radio Station, Point Isabel, item 1, well (a) drilling 400 ft. deep, (b) 400 to 600 ft., (c) 600 to 800 ft., (d) 800 to 1,000 ft., (e) 8-in. casing, 400 lin.ft., (f) 6-in. casing, 1,000 ft., (g) grouting between casing, 31 cut.ft.; item 2, well head; item 3, trenching; item 4, service pipes, from G. E. Curry, Raymondville, Tex., item 1, (a) $4.50, (b) $3.50, item 2, $175, item 3, 3c. per lin.ft., item 4, 20c.; E. Christman, 403 East Main St., Massillon, Ohio, item 1, (a) $4.72, (b) $4.72, (c) $4.80, (d) $4.80, (e) $1.90, (f) $1.51, (g) 50c., item 2, $32.60, item 3, $105, item 4, $85.60. Noted Nov. 2.

Tex., Velasco—Coast Guard Station—U. S. Coast Guard Office, Washington, D. C., let contract to W. D. LOVELL, 1415 Southeast 8th St., Minneapolis, Minn., $17,800. Noted Nov. 23.

Tex., Yoakum—Post Office—J. A. Wetmore, Act. Superv. Arch., Treasury Dept., Washington, D. C., received low bids Nov. 20, (a) limestone, (b) sandstone, from Algernon Blair, Montgomery, Ala., (a) $44,135; Richardson Engineering and Construction Co., Bainbridge, Ga., (a) $45,993, (b) $47,000; W. D. Lovell, Minneapolis, Minn., $46,329. Noted Oct. 19.

Calif., Ft. Mason—Water System—Constructing Quartermaster rejected bids.

Calif., San Diego—Crane—Bureau of Yards and Docks, Navy Dept., Washington, received low bids, Naval Coal Depot, from Browning Co., Cleveland, Ohio, $12,674; Link-Belt Co., 39th and Stewart Ave., Chicago, Ill. Noted Oct. 26.

CANALS, DITCHES AND IRRIGATION

Proposed Work

Ohio, Greenville—Ditch—Darke and Miami Counties plan Lansing joint ditch. Address County Clk., Greenville.

Ohio, Youngstown—Dredging—City plans to dredge Mahoning River. F. M. Lillie, City Engr., to prepare estimate of cost.

Ind., Laporte—Drainage—Comrs. Laporte and Starke Counties recommended widening and deepening of Yellow River for about 9 mi. in Starke County and building Hanna Arm in Prairie and Hanna Townships, also Williams Arm, Prairie Township. About $152,000. Address H. Emmke, Laporte.

Wis., Freedom—Drainage—A. H. Millord, New London, plans to organize company to drain about 1,500 acres in Outagamie County.

Iowa, Council Bluffs—Drainage—Mosquito Creek Drainage Dist., Pottawatomie County, receiving bids Dec. 9. About $40,000. J. D. Hannan, Council Bluffs, Audr. Noted June 29.

Iowa, Mason City—Drainage—Cerro Gordo County making plans, Dists. Nos. 31 and 40. About $500,000 and $200,000 respectively. Address G. B. Frost, Mason City.

Iowa, Sibley—Drainage—Osceola and Dickinson Counties, Dist. No. 3, receiving bids Dec. 12 for about 226,000 cu.yd. open ditch, 281,700 ft. tile ditch, 19 bulkheads and 200 inlets. Address Clk., Osceola County, Sibley.

Minn., Blue Earth—Ditch—Faribault County receiving bids Dec. 1 for County Ditch No. 53. About $7,214. J. J. Herring, Audr., and C. I. Hagger, Blue Earth, Engr.

Neb., David City—Drainage—Butler County Drainage Dist. No. 2 plans extensive drainage work. Towl Engineering Co., Oklahoma, Engr.

Tex., San Benito—Irrigation—Cameron County, Dist. No. 2, election Dec. 7 to vote on $600,000 bonds, $340,000 to be used to purchase irrigation system of San Benito Land and Water Co. and remainder to improve pumping plant and extend canal system. Address County Clk., San Benito. Noted Aug. 17.

Wash., North Yakima—Canal—Reclamation Engr. preparing estimates of cost of enlarging first 40 mi. Sunnyside Canal to carry water for watering about 30,000 acres.

Wash., North Yakima—Canal—Selah-Moxee Canal Co. plans to rebuild flume at canal. About $40,000.

Ore., Prineville—Irrigation—Ochoco Irrigation Dist., Crook County, voted $1,100,000 bonds for irrigating 23,400 acres. Noted Oct. 26.

Calif., Fresno—Irrigation—J. J. Graves and W. C. Graves, Jr., plan to spend about $100,000 for irrigation system on Kings River.

Bids In and Contracts Awarded

N. Y., Albany—(Official)—Barge Canal Work—W. W. Wotherspoon, State Supt. Pub. Wks., Capitol, received low bids barge canal work as follows: Terminal Contract No. 101, furnishing and installing steel stiff leg derricks of terminal sites at Albany, Whitehall, Little Falls, Rome, Lockport and Tonawanda, E. B. Baker, Herkimer, $31,790; Contract No. 30-A, for completing improved Erie Canal at intersection with old Erie Canal and incidental work between Jacksonburg and Herkimer, E. B. Baker, Herkimer, $128,232; Contract No. 98, lift bridge on Adams St., Lockport, and removing existing lift bridge at Chapel St., Tifft Construction Co., Inc., Buffalo, $82,276. Noted Nov. 2.

N. Y., Albany—(Official)—Barge Canal Work—Bids received Nov. 24 for concrete apron below gates of Vischer Ferry dam, Erie Canal, Sect. 2, Contract No. 150, from Brown & Lowe, 111 Foster Ave., Schenectady, $21,780; Holler & Sheplar, Ft. Edward, $22,550; E. B. Baker, Herkimer, $22,600. Noted Nov. 9.

N. Y., Albany—Barge Canal Work—State Supt. Pub. Wks. received bids improving Ellicott Creek from intersection with Tonawanda Creek to point opposite southerly property line of Eastern Lumber Co., from H. S. Kerbaugh, 6 Church St., New York, $50,496, and Great Lakes Dredge and Dock Co., D. S. Morgan Bldg., Buffalo, $55,128.

N. Y., New York—(Brooklyn)—(Official)—Boro. let contract dredging Newtown Creek Canal at Metropolitan Ave. Basin near intersection Scott and Metropolitan Ave. to J. J. McSPIRIT, 118 Wayne St., Jersey City, $0.585 per cu.yd. Bids for Wallabout Canal rejected. Noted Nov. 23.

N. J., Trenton—(Official)—Dredging—Bd. Commerce and Navigation, State House, received bids dredging section proposed inland water way con-

Canals, Ditches and Irrigation (Continued)

necting Barnegat Bay with Manasquan River from Hill Dredging Co., 37c. per yd., and Richards Dredging Co., 39c. per yd. Noted Nov. 9.

Ohio, Fremont—Dredging—Sandusky County let contract dredging Pickerel Creek to SHIRLEY-SKELDON DREDGING AND SUBMARINE CO., Toledo.

Minn., Benson—(Official)—Ditch County let contract Ditch No. 4 to EWING & BROCKENBROUGH, Chicago, $66,829.

Minn., Breckenridge—(Official)—Ditch—Wilkin County let contract Ditch No. 29 to B. E. MORGAN, Barnesville. Noted Nov. 9.

Minn., Ivanhoe — (Official) — Ditch — Lincoln County let contract Ditch No. 32 to M. JENSEN, Tyler, about $4,975. Noted Nov. 9.

Mo., Kohoka—Drainage—Gregory Drainage Dist. let contract about 6¼ mi. levee to R. H. & G. A. McWILLIAMS, 322 South Michigan Ave., Chicago, about $45,889. Noted Nov. 2.

Calif., Merced—Drainage—Atwater Drainage Dist. let contract drainage system to SHATTUCK EDINGER CO., 268 Market St., San Francisco, about $97,000. Noted Sept. 7.

Calif., Modesto—Irrigation—Modesto Irrigation Dist. let contract canal lining work to J. WILLISON, about $5,585.

Calif., Modesto—Irrigation—Waterford Irrigation Dist. let contract Sects. Nos. 3, 4 and 5 of canal to W. C. PRICE & CO., 211 Clay St., San Francisco. Bids for Sects. Nos. 1 and 2 rejected. Noted Oct. 5.

Calif., Terre Bella—Irrigation—Terra Bella Irrigation Dist. let contract first unit of project to W. F. KRANER, San Francisco, about $376,000. Noted Oct. 26.

MISCELLANEOUS

Proposed Work

Conn., New Haven—Bulkhead—C. R. Waterhouse granted permission by Harbor Bd. at plant of Old Colony Distilleries on Mill River St.

N. Y., Syracuse—Channel—Bd. Contract and Supply approved plans for enlarging channel of Furnace Brook under May Ave. and part of Elmwood School lot. H. A. Allen, City Engr.

N. J., Jersey City—Pier—Lehigh Valley R.R. plans to improve Pier No. 6, Black Tom Dist. About $20,000. E. B. Ashby, 143 Liberty St., New York, Ch. Engr.

Penn., Philadelphia—Fire Houses—Bureau of Fire plans, west and southwest section of city; about $205,000 recently voted for work. G. S. Webster, Engr. Dept. Pub. Wks.

Penn., Philadelphia—Playgrounds—City soon receives bids improving playgrounds, Cedar and Cambria St.. About $40,000. C. E. Albright, City Engr.

Penn., Rankin Station—(Braddock post office)—(Official)—Parks and Playgrounds—Citizens defeated $30,000 bonds. Noted Nov. 23.

Ohio, Akron—Elimination of Grade Crossings—Citizens voted $1,000,000 bonds. I. A. Preist, Clk.

Ohio, Akron—(Official)—Retaining Wall—Bd. Education, Central High School Bldg., receiving bids Dec. 26, along Perkins St. side of Bowen School. J. F. Barnhart, Clk.

Ohio, Cincinnati—Retaining Wall—City receiving bids Dec. 1, on Glencoe Pl. F. Krug, City Engr.

Ohio, Columbus—Flood Protection—Flood Protection—Citizens voted $3,500,000 bonds. H. Maetzel, City Engr. Noted Sept. 21.

Ohio, Mansfield—Park Improvements—Bd. Comrs. plans to improve Johns Park. W. J. Hazelton, City Engr.

Ohio, Youngstown—Elimination of Grade Crossings—Erie R.R. made plans, Wood St. About $5,000,000. R. S. Parsons, 50 Church St., New York, Ch. Engr. Noted Nov. 16.

Mich., Detroit—Elimination of Grade Crossings—A. Dingeman, Corp. Counsel, estimates cost of eliminating crossings of Grand Trunk Ry. on Dequindre St., at $7,000,000, city to bear $2,000,000 of cost. H. R. Safford, Montreal, Que., Ch. Engr.

Ill., Rock Island—Fire House—City rejected bids, 42nd Ave. and 12th St. New bids soon. W. Treichler, City Engr.

Wis., Milwaukee—Elimination of Grade Crossings—Chicago, Milwaukee & St. Paul Ry. plans, 11 crossings. City to bear $772,136 of cost. C. F. Loweth, Railway Exchange Bldg., Chicago, Ch. Engr. G. Staal, City Engr.

Wis., Milwaukee—Pools—Park Bd. recommended that Council appropriate $50,000 for bathing pools in parks. G. Staal, City Engr.

Kan., Kansas City—Retaining Wall—Hedrick & Hedrick, 506 Inter-State Bldg., making plans for about 4,300 ft. rein.-con. retaining wall top present dike. About $75,000.

Wyo., Sherman—Tunnel—Union Pacific R.R. plans, under summit of Rocky Mts. R. L. Huntley, 15th and Dodge St., Omaha, Ch. Engr.

Mo., Cape Girardeau—Park Improvements—Council plans to improve Fairground Park. About $20,000. Muskopf & Irish, Commonwealth Trust Bldg., St. Louis, Arch.

Mo., Kansas City—Pens—City plans, Swope Park Zoo. J. A. Bermingham, City Clk.

Tex., Beaumont—Wharf—McBride & Law purchased site at Peal and Austin St. for rein.-con. wharf.

Tex., El Paso—Elimination of Grade Crossings—City will ask Southern Pacific Co., Texas & Pacific Ry. and El Paso & Southwestern Railroad Co. to eliminate crossings in downtown district. G. Espy, City Engr.

Calif., San Diego—Fish Market—A. L. Bird, Mgr., Union Ice Co., organized company to build fish market on waterfront between E and F St. for Osborn Co.

Calif., Santa Monica—Skating Rink—Great Western Amusement Co. plans.

Ont., Brighton Beach—Dock—Mullen Coal Co. plans, about 600 ft. long.

Ont., Ft. William—Docks—Canadian Northern Pacific Ry. making plans for new rein.-con. docks. About $100,000. A. F. Stewart, Toronto, Ch. Engr.

Ont., Welland—Subway—Niagara, Welland & Lake Erie Railway Co. plans. About $17,000. C. J. Laughlin, Welland, Vice-Pres. and Gen. Mgr.

Bids In and Contracts Awarded

Mass., Belmont—Recreation Building—Massachusetts School for Feeble Minded let contract to T. A. BOSSI, Harrow St., Boston, about $23,700.

Mass., Ipswich—Coal Trestle—Ipswich Mills let contract to J. W. BISHOP CO., 683 Atlantic Ave., Boston.

R. I., Providence—Trestle—City let contract, Municipal Wharf, Fields Point, to W. POLLEYS, Providence.

Miss., Natchez—(Official)—Revetment—Natchez & Southern Ry. to build by company labor. About $18,000. C. B. Brownell, Natchez, Vice-Pres., Gen. Mgr. and Pur. Agt. Noted Nov. 16.

Ohio, Cleveland—Comfort Stations—City let contract, Clark, West 35th, East 55th St. and Euclid Ave. to MINNICK-GIBBONS CONSTRUCTION CO., 5309 Euclid Ave. Noted Sept. 28.

Ohio, Cleveland—Comfort Station—City let contract, West 14th and Abbey St., to MINNICK-GIBBONS CONSTRUCTION CO., 5309 Prospect Ave., about $6,046. Noted Oct. 26.

Ohio, Cleveland—Comfort Station—City let contract, Garfield Park, to DUFF CONSTRUCTION CO., 603 Marshall Bldg., about $12,523.

Ind., Indianapolis—Channel—City let contract cleaning channel of Pleasant Run from Beecher to Raymond St. to G. C. KING & CO., about $5,400.

Kan., Wichita—Pipe Line—Sterling Oil and Refining Co. let contract about 22 mi. to ATLAS CONSTRUCTION CO., Tulsa, Okla.

BUILDINGS

Proposed Work

Other items relative to Building Construction will be found under the following headings: "Industrial Works;" "Federal Government Work" and "Miscellaneous."

Mass., Boston—Fraternity House—St. Colombkille Church making plans, 4-story, 44x112-ft. About $40,000. E. J. Untersee, 585 Boylston St., Arch.

Mass., Bridgewater—Dormitory and Service Building—State Bd. Education, State House, Boston, receiving bids Dec. 4 for State Normal School G. Lowell, 12 West St., Boston, Arch. Noted Nov. 16.

Mass., Chicopee—High School—Bd. Education receiving bids Jan. 1, 3-story. About $300,000. G. E Haynes, 184 North St., Pittsfield, Arch. Noted Nov. 16.

N. J., Jersey City—High School—Bd. Education receiving bids Dec. 20 for Lincoln High School. J. T. Rowland, Jr., 100 Sip Ave., Arch.

N. J., Morristown—Music Hall—City plans to spend $50,000 for rebuilding Lyceum Building. C. Mills, M. D., Mayor.

N. J., Newark—Hospital—City making plans, 5-story. About $120,000. Conklin & Convery, 665 Broad St., Arch.

N. J., Newark—Passenger Station—Central R.R. of New Jersey made plans, 832-6 Broad St. About $483,000. A. E. Owen, 143 Liberty St., New York, Ch. Engr.

Penn., Philadelphia—Church—Second Christ Congregation made plans, 1-story, 75x175-ft. About $100,000. Day & Klauder, 925 Chestnut St., Arch.

Penn., Philadelphia—Nurses' Home—City plans 4-story addition, on 34th St. About $75,000. P. H. Johnson, Land Title Bldg., Arch.

Ga., Decatur—Courthouse—DeKalb County Comrs. made preliminary plans for 1-story, 20x37-ft. About $80,000. Walker & Chase, Candler Bldg., Arch. Noted Oct. 12.

Fla., Jacksonville—Theater—Keith Circuit made plans. About $125,000. J. J. Murdock, Executive Mgr.

Ohio, Cleveland—Hospital—St. Alexie Hospital, Broadway and McBride St., receiving bids Dec. 15 for 4-story, brick and stone. About $150,000. W. C. Jansen, O'Brien Bldg., Arch. Noted May 11.

Ohio, Cleveland—I. O. O. F. Lodge, No 578, 5512 Woodland Ave., making preliminary plans brick building at East 79th St. near Euclid Ave. About $60,000. V. D. Allen, 957 Rose Bldg., Arch.

Tex., Dallas—Baptist Sanitarium making preliminary plans for 5-story addition to building. About $150,000. C. W. Bulger & Sons, Praetorian Bldg., Arch. Noted Sept. 14.

Bids In and Contracts Awarded

N. H., Peterboro—Town Hall—Town received 3 low bids from Wiley & Foss, Fitchburg, Mass., Holt-Fairchild Co., 1001 Old South Bldg., Boston, B. H. Wiggin Co., Lowell. About $60,000. Little & Russell, 45 Bromfield St., Boston, Arch. Noted July 20.

Mass., Lowell—Hospital—City let contract 2½-story, to NATIONAL FIREPROOFING CO., 120 Franklin St., Boston. About $101,055. Noted Apr. 13.

Mass., Middleboro—(Official)—High School—City rejected bids. Noted Sept. 21.

R. I., Providence—School—F. G. Rowley Co., 260 Central Ave., Pawtucket, submitted low bid, on Smithfield Ave. R. C. N. Mowthan, Pawtucket, Arch.

R. I., Providence—Exchange and Office Building—Providence Telephone Co. and New England Telephone and Telegraph Co., Oliver St., Boston, let contract to C. B. MAGUIRE CO., Providence. Noted July 27.

N. Y., Potsdam—(Official)—School—State Normal and Training School let contract, 3-story, 170x280-ft., to BRADLEY & WEED, INC., 5th Ave. Building, New York, $237,400. Noted Nov 23.

N. J., Garfield—School—Bd. Education let contract 2-story to GALANTI & BRUNO, Garfield. About $55,000.

Penn., Coatesville—Hotel—Worth Bros. let contract 4-story, brick and stone, to F. W. VANLOON, $100,000. Noted Nov. 9.

Penn., Lebanon—Club House—B. P. O. E. let contract 2-story, 48x125-ft., to G. H. GEINER, Lebanon. About $40,000. Noted Aug. 10.

Penn., Philadelphia—School—City let contract 4-story, brick, on Madison St., to MELODY & KEATING, York and 66th Ave., $130,000.

Penn., Philadelphia—Theater—Equality Amusement Co. let contract, 3-story, rein.-con., 70x100-ft., at Broad and Lombard St., to A. CHAMBLEY, 243 South 10th St., Philadelphia.

W. Va., Beckley—School—Bd. Education let contract, 3-story, 99x134-ft., to DOMINION CONSTRUCTION CO., Rooms 1, 2 and 3 Public Library Bldg., Charleston. About $68,865. Noted Nov. 9.

Ala., Birmingham—(Official)—Birmingham Infirmary constructing central building by day labor. About $50,000. Noted Nov. 16.

Tenn., Bristol—Sullins College made plans for new building. Work to be done under supervision of appointed superintendent. About $85,000 or $100,000. Noted Jan. 20.

Tenn., Nashville—School—Bd. Education let contract rebuilding Warner School to FULCHER BRICK CO., 165 4th Ave., N., Nashville, $85,874. Noted Sept. 7.

Ohio, Chillicothe—Office—Sears & Nichols Canning Co. making plans for 3-story, on South Mulberry St. J. LUNBECK, South Paint St., Contractor.

Ohio, Cleveland—Library—Bd. Pub. Library let contract to WALKER & WEEKS, Cleveland. About $2,000,000. Noted July 13.

Ohio, Cleveland—Cleveland Telephone Co. let contract, building at 2059 East 105th St., to J. GILL & SON CO., 1301 Citizens Bldg. About $50,000.

Mich., Detroit—School—Bd. Education let contract 2-story, rein.-con. and brick, on Rivard St., to M. BARTHOLOMEW & SON, Detroit. About $112,000.

Ill., Bone Gap—High and Grade School—City let contract, 2-story, 93x100-ft., to BAIRD & VAIL, Sumner. About $50,000. Noted Oct. 12.

Ill., Chicago—Chicago Telephone Co. let contract building at 311-27 West Washington St. to LANQUIST & ILLSBAY, 110 North Clark St. About $140,000.

Ill., Mattoon—Passenger Station—Illinois Central R.R. let contract 2-story, 36x100-ft. to A. W. STOOLMAN, Champaign, $75,000.

Wis., Madison—Club House—Madison Club let contract, 3-story, 60x120-ft., to A. D. & J. V. FREDERICKSON, 702 East Main St., $75,000.

Minn., Anoka—Hospital—State Bd. Control rejected bids for 3-story, 55x96-ft. C. H. Johnston, 715 Capital Bank Bldg., St. Paul, Arch. Noted Sept. 7.

Minn., Hibbing—Church—Methodist Episcopal Society let contract 2-story, 55x75-ft., to JOHNSON & WATNE, Hibbing. About $40,000. Noted Nov. 16.

Mo., Maplewood—(Official)—High School—Bd. Education let contract MURCH BROS. CONSTRUCTION CO., Railway Exchange Bldg., St. Louis, about $100,000. Noted Nov. 16.

Okla., Tulsa—Office—Sinclair Oil Co. let contract 8-story, at 5th and Main St., to SWENSON CONSTRUCTION CO., Shubert Theater Bldg., Kansas City, Mo. About $300,000. Noted Oct. 19.

Calif., Fresno—School—City received low bids, 2-story, brick and concrete, from J. L. Daly, Fresno, $48,600. Noted Sept. 7.

Calif., Los Angeles—Buildings—St. Vincent's College, West 16th St., let contract to LOS ANGELES PLANING MILL CO., 1812 Industrial St., Los Angeles. About $400,000.

Que., Montreal—Theater—Loew's Montreal Theater Co. let contract terra cotta, steel and rein.-con., to ATLAS CONSTRUCTION CO., 37 Belmont St., Montreal.

SPECIAL OPPORTUNITIES SECTION

Contracts To Be Let

Bids received until Dec. 11, 1916.

Sewage Disposal Works

Township of Union, N. J.

Sealed proposals will be received by the Board of Commissioners of the Township of Union, Bergen County, New Jersey, at the Commissioners' meeting room, Odd Fellows' Hall, 505 Valley Brook Ave., Lyndhurst, N. J., on Monday, December 11, 1916, at 8 p.m., there to be publicly opened and read by the Clerk, for furnishing all material and doing all work necessary to complete the construction of a Sewage Disposal Works for the Township of Union, Bergen Co., N. J., in accordance with plans and specifications on file with the Township Clerk, 505 Valley Brook Ave., Lyndhurst, N. J.

Each proposal must be accompanied by a certified check on some solvent bank for at least five per cent. (5%) of the amount of the bid, made payable to the "Board of Commissioners, Township of Union," conditioned that if the bid is accepted, the contract will be entered into within five (5) days after the awarding of the same and the performance of the same secured. In case bid is rejected, or contract entered into, check will be returned.

Copies of plans and specifications may be seen, and form of proposal obtained, at the office of the Township Clerk, 505 Valley Brook Avenue, Lyndhurst, N. J. Copies of plans and specifications may be procured from Thomas F. Bowe, C. E., East Rutherford, N. J., by prospective bidders upon payment of $15, of which $12 will be refunded if they are returned within ten days after the opening of bids, complete and in good condition.

Bidders must furnish satisfactory evidence of their experience, and ability to construct work of the character required.

The right is reserved to reject any or all bids, to waive any informality in the bid received, and to accept any bid which is deemed to be the most favorable to the interests of the Township.

By order of the Board of Commissioners.

JOHN F. WOODS, Township Clerk.

Bids received until Dec. 18, 1916.

Tenders for Construction of 9.5 Miles of 5' 6" Reinforced Concrete Pressure Pipe

GREATER WINNIPEG WATER DISTRICT.

Sealed tenders addressed to the undersigned will be received up to noon of Monday, 18th of December, 1916, for the construction of 9.5 miles of 5' 6" reinforced-concrete pressure pipe.

Plans, Specifications and Form of Tender can be secured on application to the District, accompanied by certified check for Twenty Dollars payable to the District, which deposit will be returned upon submission of tender or return of documents.

The lowest or any tender not necessarily accepted.

R. D. WAUGH,
Chairman of Commissioners.

901 Boyd Building, Winnipeg, Man., Can.
4th of November, 1916.

Bids received until Dec. 14, 1916.

Lost Creek Reservoir and Auxiliary Pumping Station.

IMPROVED WATER-WORKS
CONTRACT NO. 3

Lima, Ohio.

Sealed proposals will be received at the office of the Director of Public Service, City Hall, Lima, Ohio, until twelve o'clock noon, central standard time, of the fourteenth day of December, 1916, and then publicly opened and read, for the construction of improvements to the water-works, contract No. 3.

The work to be done under Contract No. 3 will consist of the construction of a large storage reservoir in Lost Creek Valley, concrete spillway, auxiliary pumping station, force main and all appurtenances.

The work will include the construction of dikes containing approximately 300,000 cu.yds. of earthwork, the material for dikes to be secured from the excavation for a new creek channel and from borrow pits. The work also includes 40,000 sq.yds. of slope protection work, 2,500 cu.yds. of concrete, 340 tons of cast-iron pipe, valves and two small brick buildings.

Copies of the plans, proposal forms, specifications and forms of bonds and contract can be seen at the office of the Director of Public Service, Lima, Ohio, or at the office of "Engineering News" and of "Engineering Record," New York, and "Engineering and Contracting," Chicago, or may be obtained at the office of either of the Consulting Engineers, R. Winthrop Pratt, Hippodrome Building, Cleveland, Ohio, and Wm. G. Clark, Spitzer Building, Toledo, Ohio. A deposit of Twenty-five ($25.00) Dollars will be required for each set of plans and specifications, which sum will be refunded if plans are returned in good condition within ten (10) days after the award of the contract. Extra copies of the specifications may be obtained upon payment of Two ($2.00) Dollars for each copy, which sum will be refunded if returned copies are in good condition. All checks shall be made payable to the Director of Public Service of the City of Lima, Ohio.

The bid bond will be for ten (10) per cent. of the amount of the proposal.

The performance bond will be for seventy-five (75) per cent. of the amount of contract.

The Director of Public Service reserves the right to reject any or all bids.

A. L. METHEANY,
Director of Public Service.

Bids received until Dec. 14, 1916.

Water Pipe and Fittings

Pocatello, Idaho.

Sealed bids will be received up to five o'clock, Dec. 14, 1916, by the City Water Department, Pocatello, Idaho, for one hundred and fifty tons class B cast-iron pipe, sizes four to twelve inches; seven tons of fittings; sixty gate valves; twenty Ludlow fire hydrants, lead and jute. Detail list can be obtained from the water superintendent.

EDGAR C. SMITH,
Superintendent City Works.

Bids received until Dec. 13, 1916.

Proposals for Sewer

The City Auditor of the City of Fargo, North Dakota, will receive, until the hour of Ten o'clock A.M., the 13th day of December, 1916, Sealed Proposals, upon the basis of cash payment, for the furnishing of all materials for, and the construction of, a 24", 22", 18" and 15" Sewer on Tenth Avenue South, extending from Sixth to Eleventh Street South, in Sewer District No. 3 of said City, according to the plans and specifications therefor on file in the office of the City Auditor.

The successful bidder will be required to begin the construction of said Sewer not later than Jan. 1, 1917, after signing contract, and to complete the same not later than Apr. 1, 1917.

Each bid shall be accompanied by a certified check as required by law and in accordance with the specifications.

Each bid shall be securely sealed and shall have endorsed upon the outside thereof a statement of the work such proposal is for.

The City Commission reserves the right to reject any and all bids.

Dated Fargo, N. D., Nov. 23, 1916.

A. R. WATKINS, City Auditor.

Bids received until Dec. 13, 1916.

Proposals for Sewer

The City Auditor of the City of Fargo, North Dakota, will receive, until the hour of Ten o'clock A.M., the 13th day of December, 1916, Sealed Proposals, upon the basis of cash payment, for the furnishing of all materials for, and the construction of, a 27", 24", 22", 20", 12" and 15" Sewer on First Avenue North from Tenth to 17th Streets North and on 15½ Street North extending from First to Second Avenues North, in Sewer District No. 2 of said City, according to the plans and specifications therefor on file in the office of the City Auditor.

The successful bidder will be required to begin the construction of said Sewer not later than Jan. 1st, 1917, after signing contract, and to complete the same not later than Apr. 1st, 1917.

Each bid shall be accompanied by a certified check as required by law and in accordance with the specifications.

Each bid shall be securely sealed and shall have endorsed upon the outside thereof a statement of the work such proposal is for.

The City Commission reserves the right to reject any and all bids.

Dated Fargo, N. D., Nov. 23, 1916.

A. R. WATKINS, City Auditor.

Bids received until Dec. 12, 1916.

Corrugated Culverts

Bids will be received by the undersigned clerk, until 2 o'clock P.M., Dec. 12th, 1916, for a carload of various sizes of corrugated culverts, said culverts to comply with the Kentucky State Road Department specifications for corrugated culverts. Said culverts for Hopkins County, Kentucky. Prices f.o.b. Madisonville, Ky.

JOHN G. SALMON,
Clerk, Fiscal Court.